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CLIMATOLOGICAL DATA

NORTH DAKOTA

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JANUARY 1951
Volume LX No. 1



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NORTH DAKOTA - JANUARY, 1951

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

January averaged below normal in temperature and above normal in snowfall. A long and relatively mild period during the middle of the month, however, made it a rather pleasant month. There were very few days with high winds and drifting snow.

The average temperature for the state as a whole was 3.3 degrees which is 3.6 degrees below normal. By divisions the east was coldest with 1.5 degrees which is 3.6 degrees below normal; the middle was next with 2.4 degrees which is also 3.6 degrees below normal; and the west was warmest with 6.0 degrees which is 3.6 degrees below normal. The month opened with below normal temperatures for about a week which was followed by two weeks of relatively mild weather. During this period the highest temperatures were recorded. The highest temperature for the state was 50 degrees recorded at Hettinger and New England on the 17th. Severely cold weather prevailed during the last week and all stations reported the coldest temperature of the month and the season on the 28th and 29th. The lowest temperature reported was 43 degrees below zero on the 29th at Linton, Towner and Elbowoods. This makes an absolute range of temperature over the state of 93 degrees. The highest mean temperature was observed at Hettinger with 14.1 degrees. This is 0.4 degree above normal for that station. The lowest mean temperature was 3.9 degrees below zero reported at Cooperstown. This is 8.2 degrees below normal.

Precipitation during the month averaged 0.57 inch which is 0.09 inch above the normal. By divisions the east averaged 0.57 inch which is 0.05 inch above normal; the middle averaged 0.65 inch which is 0.21 inch above normal, and the west averaged 0.50 inch which is 0.03 inch above normal. Precipitation fell as snow, making an average snowfall of 8.4 inches for the state. This is about 3 inches more than normally falls in January. The greatest amount of precipitation reported was 1.53 inches at Turtle Lake, and the least amount was 0.11 inch reported at Golva. On the other hand the greatest snowfall was 18.0 inches reported at Westhope and the least snowfall was 2.5 inches reported at Bisbee. The greatest depth of snow on the ground was recorded at Steele and Wilton with 19 inches on the 26th.

The month of January was in general a favorable month. There was a notable lack of severe storms although some drifting occurred on several days during the month. Blizzard conditions occurred on the 22nd and 23rd in most parts of the state except the west and southwest portion. Winds estimated at 30 to 40 mph occurred over the north and east portion with visibility near zero for several hours. Not much snowfall was reported. However, most roads were heavy or blocked as a result of the storm. Some thawing occurred, mostly in the west portion during the third week. Little or no difficulty was experienced in feeding livestock. --CJS

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Bydroclimatic Network Stations which were formerly reproduced in the Bydrologic Bulletin Series. The Bydroclimatic Network is a nationwide net of rain gages --mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Bydroclimatic Network stations were presented in bulletins (Bydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Bydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

NATURAL HISTORY

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total			
Bismarck WB Airport	WNW	18	8.6	47	W	22	76	76	71	75	10	10	1	0	0	0	21	75	5.9	See Table 2
Devils Lake WB City	-	-	8.8	31	NW	23	-	-	-	-	11	8	3	0	0	0	22	65	4.9	
Fargo WB Airport	NNW	13	12.5	44	W	23	73	74	70	72	6	11	1	0	0	0	18	63	5.1	
Williston WB City	-	-	6.8	35	W	22	73	74	67	69	14	5	3	0	0	0	22	55	6.3	

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1892	3.3	58	-52	0.32	2.8	4
1893	0.8	52	-48	0.99	8.4	7
1894	0.6	60	-47	0.39	3.6	4
1895	-2.9	42	-48	0.56	5.5	5
1896	5.3	58	-42	0.77	6.6	6
1897	3.6	49	-38	0.77	7.5	5
1898	14.6	69	-32	0.11	1.1	2
1899	5.2	55	-41	0.25	2.4	3
1900	15.4	70	-30	0.22	2.0	3
1901	7.7	68	-39	0.28	3.0	4
1902	12.7	51	-40	0.14	1.4	2
1903	9.4	56	-37	0.66	6.7	5
1904	3.6	50	-52	0.40	4.0	5
1905	0.9	48	-40	0.32	2.9	3
1906	12.2	60	-38	0.69	6.9	4
1907	-6.2	45	-45	1.32	14.5	8
1908	17.0	70	-41	0.24	1.9	2
1909	3.5	53	-48	0.43	4.3	4
1910	9.4	49	-35	0.37	4.1	3
1911	-1.0	56	-43	0.84	8.5	6
1912	-4.6	63	-52	0.35	3.6	4
1913	3.2	60	-54	0.45	4.6	5
1914	14.8	62	-38	0.48	4.9	4
1915	5.8	51	-48	0.29	3.4	3
1916	-6.4	49	-56	1.36	15.1	6
1917	1.7	47	-46	0.72	8.6	5
1918	0.5	48	-44	0.47	5.0	5
1919	18.7	66	-44	0.18	1.7	2
1920	2.7	49	-44	0.97	10.0	5
1921	15.9	52	-31	0.24	2.5	2
1922	7.0	55	-46	0.49	5.2	5
1923	10.1	56	-35	0.52	6.0	5
1924	2.6	61	-42	0.23	2.5	3
1925	8.6	52	-35	0.24	2.5	3
1926	16.3	55	-30	0.38	4.1	4
1927	10.1	60	-44	0.42	4.3	4
1928	13.0	50	-41	0.20	2.3	3
1929	-4.8	42	-42	0.62	9.2	6
1930	-1.9	41	-43	0.29	2.7	4
1931	21.4	68	-31	0.15	1.4	2
1932	9.5	50	-34	0.56	6.3	4
1933	11.8	53	-30	0.80	10.0	7
1934	15.8	54	-36	0.20	2.0	3
1935	3.3	60	-44	0.41	4.9	6
1936	-5.8	43	-44	0.56	6.9	7
1937	-8.3	38	-44	0.67	9.0	6
1938	9.5	50	-40	0.48	6.1	6
1939	15.0	55	-32	0.47	6.0	6
1940	3.4	48	-39	0.10	1.4	3
1941	11.0	53	-33	0.54	6.3	5
1942	18.3	60	-35	0.09	1.0	2
1943	-1.4	45	-44	0.73	9.4	7
1944	21.8	61	-26	0.37	4.8	3
1945	12.7	51	-31	0.41	5.6	5
1946	11.2	56	-33	0.20	2.9	4
1947	16.0	57	-37	0.35	4.4	4
1948	9.3	59	-42	0.40	5.0	6
1949	1.7	58	-49	1.14	15.3	8
1950	-10.5	51	-51	1.04	14.5	9
1951	3.3	50	-43	0.57	8.4	6
PERIOD	6.6			0.49	5.5	

CLIMATOLOGICAL DATA

Table 2

Station	Temperature									Precipitation								
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
EASTERN DIVISION																			
Amenia	3.0	-2.0	41	16	-33	29	1921	0	31	.47	- .06	.17	26	6.0	8	26+	4	0	0
Arvilla State Park	.7		41	16	-34	29	1993	0	31	.34		.09	14				9	0	0
Baldhill Dam	1.5 M		40	17	-38	29		0	31	.63		.35	4	10.0			4	0	0
Carrington	2.3	-4.4	39	19	-34	29		0	31	.78	.36	.25	2	10.5	11	7+	9	0	0
Cavalier	2.2 M	.8	41	16	-34	29	1951	0	30	.23	- .44	.10	4+				3	0	0
Cooperetown	-3.9	-8.2	29	16	-38	29	2136	0	31	.60	.09	.20	23				5	0	0
Devils Lake WB City	- .4	-2.2	37	16	-38	29	2029	0	31	.69	.22	.24	3	9.4	13	26	11	0	0
Edgeley Exp. Farm	2.7	-6.1	36	16	-35	29		0	31	.41	- .08	.10	27	5.6			7	0	0
Edmore 1 W	-1.5	-1.7	34	16	-40	29	2060	0	31	.61	.12	.14	26+	8.9	18	27+	8	0	0
Ellendale	6.4	-3.6	40	16	-30	29	1815	0	31	.80	.34	.29	26	9.8	12	5	7	0	0
Fargo WB Airport //	1.1	-2.7	38	16	-36	29	1981	0	31	.45	- .22	.15	23	5.7	9	26+	12	0	0
Forman	4.2	-3.4	40	16	-39	29	1885	0	30	.57	.12	.25	26	7.7	8	4+	3	0	0
Fullerton	5.7	-3.4	39	16	-34	29	1837	0	31	1.08	.38	.42	19	10.8	10	26	5	0	0
Gackle	2.6	-5.1	37	16	-37	29	1933	0	31	.80	.36	.35	26	9.0			5	0	0
Grafton State School	.9	-1.7	39	16	-37	29	1992	0	31	.63	.13	.20	4	6.3	7	23+	6	0	0
Grand Forks CAA AP //	.0	-3.6	39	16	-36	29	2015	0	31	.59	.06	.16	22	7.6	7	23+	11	0	0
Grand Forks University	.9	-2.7	40	16	-34	29	1988	0	31	.60	.07	.16	22	7.2	8	23+	7	0	0
Grand Rapids 1 N	4.2		42	16	-37	29	1889	0	31	.55		.22	26	10.5			4	0	0
Hankinson RR Station	5.4 M	-2.5	44	17	-31	30		0	31	.30	- .17	.10	20				6	0	0
Hannah	-2.4	-3.6	35	16	-38	29	2094	0	31	.34	- .36	.07	4+	4.1	7	4+	7	0	0
Hillsboro	1.5	-3.4	34	16	-34	29	1972	0	31	.59	.08	.31	4	13.6	15	26+	9	0	0
Jamestown CAA AP //	1.3	-5.8	38	16	-36	29	1975	0	31	.67	.12	.21	4	11.0	13	5+	9	0	0
Jamestown State Hospital	2.8	-4.3	38	16	-34	29	1928	0	31	.54	- .01	.36	26	7.0			3	0	0
Kensal Wildlife Refuge	1.8		39	16	-36	29	1958	0	31	.43		.10	26	10.9	11	4+	7	0	0
Langdon Exp. Farm	-2.0	-2.4	33	16	-38	29	2080	0	31	.67	.06	.23	23	6.8			6	0	0
Larimore	1.3	-2.5	40	16	-34	29	1981	0	31										
Lisbon	2.6	-5.0	42	17	-40	29		0	31	.40	- .19	.13	27				6	0	0
Mayville	1.4	-4.6	40	16	-33	29	1974	0	31	.79	.40	.29	4	10.2	7	4+	9	0	0
McHenry 5 N	- .9	-2.4	36	16	-39	29	2046	0	31	.46	.04	.15	4	6.5	15	26+	7	0	0
McLeod 3 E	2.2	-6.1	40	16	-38	29	1944	0	31	.83	.27	.35	19				5	0	0

See reference notes following Station Index.

Station	Temperature									Precipitation									
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
Munich 4 SW	-2.8		32	16	-42	29	2106	0	31	.39		.19	4	4.5	8	4+	5	0	0
Oakes	3.4	-5.5	36	17	-26	29		0	31	.52	.05	.20	27	5.3	14	27+	5	0	0
Park River	2.5	- .4	38	16	-35	29	1936	0	31	.32	- .17	.12	4	3.5	7	14+	6	0	0
Pembina 2 N //	-3.1 M	-5.5	36	16	-35	28		0	31	.13	- .50	.08	4				3	0	0
Petershurg	1.8		33	16	-36	29	1955	0	31	.58	.14	.19	23	7.2	11	26+	8	0	0
Sharon	.9	-2.6	37	16	-36	29	1991	0	31	.73	.26	.20	23	10.0	10	4+	6	0	0
Valley City	3.3	-2.8	40	16	-35	29	1908	0	31	.71	.17	.18	26	18.0			9	0	0
Wahpeton State School	4.0	-4.7	42	16	-35	29	1891	0	31	.73	.28	.19	26	14.6	15	27+	9	0	0
DIVISION	1.5	-3.6								.57	.05			8.5					
MIDDLE DIVISION																			
Ashley //	5.0 M	-3.7	39	16+	-34	29	1860	0	31	.59	.15	.31	19	14.0	15	28+	3	0	0
Belcourt Indian Res.	- .5		37	16	-32	29	2033	0	31	.30		.09	14	3.1	11	26+	6	0	0
Bishes	-2.9 M	-4.7	34	16	-40	29	2100	0	31	.38	- .07	.26	4	2.5	8	22+	3	0	0
Bismarck WB City	5.9	-2.1	43	18	-35	29		0	31	.70	.32	.18	26	10.9	8	27+	10	0	0
Bismarck WB Airport	2.9	-3.4	43	17	-37	29	1925	0	31	.55	.10	.18	26	8.4	9	1+	11	0	0
Bottineau	-2.0	-3.4	34	17	-41	29		0	31	.32	- .09	.11	27	3.7	9	4+	7	0	0
Butte	3.7	-4.2	38	16	-33	29	1901	0	31	.47	.11	.13	4	5.8	10	4+	6	0	0
Carson 2 8W	9.0	-1.1	44	17	-32	29	1733	0	31	.78	.42	.36	19	10.3	12	26+	5	0	0
Center	3.2	-6.6	38	17	-37	29	1917	0	31	.59	.22	.29	28	8.0	10	5+	4	0	0
Drake	1.9 M	-3.6	40	9+	-37	29+		0	31										
Dunseitb St. Sanitarium	.9	-1.9	32	16	-38	29	1985	0	31						8	1+			
Fessenden	2.4	-2.3	37	16	-35	29	1940	0	31	.40	- .09	.14	4	8.9	14	26+	5	0	0
Fort Yates	9.4	- .2	48	8	-35	29	1721	0	31	.59	.20	.23	26	11.5	11	26+	6	0	0
Foxholm Wildlife	4.6	-2.2	38	17	-35	29	1871	0	31	1.05E	.61	.30	3	14.1	14	4+	5	0	0
Garrison	1.9	-6.0	35	16+	-34	29	1954	0	31	.40	.03	.23	26	6.8	14	26+	7	0	0
Granville	1.1	-4.0	38	16	-37	29	1991	0	31	.85	.47	.30	22	12.5	18	26+	4	0	0
Hansboro	-1.3 M	-1.9	35	16	-41	29	2058	0	31	.15	- .46	.06	14	3.2	9	23+	4	0	0
Leeds	- .2		37	16	-39	29	2025	0	31	.89		.24	3	11.6			7	0	0
Linton	6.3	-3.0	46	17	-43	29	1818	0	31	.98	.64	.45	26	10.4	17	26+	7	0	0
Maddock Agri. School	- .1	-4.7	37	16	-37	29	2018	0	31	.71	.29	.24	26				6	0	0
Mandan Exp. Sta.	5.4	-3.2	41	18	-33	29		0	31	.89	.52	.28	27	11.1	13	27	10	0	0
Mandan Fort Lincoln Park	6.2		41	16+	-33	29	1820	0	31	.61		.28	28	11.2	14	26+	7	0	0
Max	2.4	-2.1	36	16	-39	28		0	31	.71	.36	.22	26	14.5	16	28+	7	0	0
McClusky	2.0 M	-4.4	35	16	-38	29	1965	0	31	.88	.44	.32	26	12.0	18	26+	8	0	0
Minot CAA AP //	3.0	-3.6	37	17	-34	29	1923	0	31	1.15	.78	.55	26	14.4	11	26+	8	1	0
Minot Exp. Farm	2.7		35	16+	-35	29	1937	0	31	.58		.25	26	11.4	12	4	6	0	0
Moball	.5	-4.3	37	17	-37	29	1999	0	31	.59	.25	.25	3+	7.9	15	26+	5	0	0
Napoleon 1 SE	3.4	-3.4	36	16	-37	29	1900	0	31	.71	.30	.34	23	11.2	14	26+	8	0	0
New Salsm 1 S	5.4	-4.3	39	17	-33	29	1844	0	31	.56	.12	.27	26	13.0			5	0	0
Pettibone	2.0	-1.9	37	16	-41	29	1953	0	31	.82	.44	.26	23	12.4	17	26+	9	0	0
Riverdals	3.4		39	17+	-35	29	1908	0	31	.28		.10	26	3.2	11	26+	7	0	0
Rolla	0.0	-2.6	37	16	-38	29	2014	0	31	.58	.05	.16	23	6.0	16	27+	7	0	0
Rugby	.2		33	22	-38	28	2010	0	31	.79	.36	.25	25	13.6			10	0	0
Steele	2.5	-4.7	40	16	-40	29	1938	0	31	.47	.07	.12	19+	7.0	19	26+	8	0	0
Towner	- .5	-4.6	34	16	-43	29	2035	0	31	.60	.15	.21	3	12.0			4	0	0
Turtle Lake	1.6	-5.1	35	16	-41	29	1969	0	31	1.53	1.18	.60	26	17.4			10	1	0
Underwood 12 W	2.4 M	-7.5			-39	29	1941	0	31	.84	.51	.36	25	14.0			7	0	0
Upham Wildlife	- .3		35	8+	-42	29	2026	0	31	.39		.15	3+	4.8			3	0	0
Velva	3.1	-3.6	39	16	-33	29	1919	0	31	.46	.04	.14	26	10.1	12	4+	11	0	0
Washburn	5.2	-3.0	40	17	-33	29	1854	0	31	.80	.48	.65	26	9.0			3	1	0
Westhope	- .3	-2.4	33	16	-40	29	2028	0	31	.83	.50	.29	26	18.0	18	26+	6	0	0
Willow City	-2.3	-3.4	36	16	-42	29	2091	0	31	.35	- .20	.21	3	5.0	10	3+	3	0	0
Wilton RR Station	3.5	-4.5	37	17+	-33	29		0	31	.55	.21	.12	26	7.0	19	26+	6	0	0
Wisbsk	3.4	-3.9	39	17	-35	29		0	31	.55	.16	.27	19	8.9			7	0	0
DIVISION	2.4	-3.6								.65	.21			9.7					
WESTERN DIVISION																			
Almont 7 SW	7.6		41	1[illegible]	-29	29	1772	0	31	.49		.13	19+	8.3	10	26+	7	0	0
Amidon	11.2	-3.4	47	18	-29	29		0	31	.45	.02	.10	1+	5.5	4	26+	6	0	0
Beach	LO.6	-1.5	45	18	-29	29		0	31	.25	- .21	.09	26	3.8	3	27+	6	0	0
Belfield	8.6 M	-5.7	45	17	-27	29	1757	0	29	.35	- .11	.25	22	4.0	9	22+	2	0	0
Bowhells	1.9	-2.9	38	18	-34	29		0	31	.89	.39	.37	4	11.4	11	4+	5	0	0
Bowhells 5 E	M				-38	29		0	31										
Bowman Court House //	12.0	-2.6	43	17+	-28	29	1640	0	31	.38	- .06	.17	19	5.9	5	19+	6	0	0
Crosby	2.2	-2.2	37	17	-36	29	1945	0	31	.26	- .14	.13	3	7.0	9	3+	3	0	0
Dickinson CAA AP	8.0	-2.6	42	17	-27	28	1764	0	31	.59	.17	.24	26	6.1	7	26+	9	0	0
Dickinson Exp. Station	7.9	-2.7	42	18	-28	29		0	31	.45	.03	.16	27	4.5	6	28+	9	0	0
Dunn Centsr	3.3	-8.9	38	9	-31	29		0	31	.45	.09	.17	27	6.3	8	27+	6	0	0
Elbowoods	3.8	-4.8	45	17	-43	29	1894	0	31	.24	- .09	.20	24	4.8			3	0	0
Epping	3.5	-1.7	38	17	-36	29	1906	0	31	.24	- .18	.12	26				3	0	0
Grenora	4.6	- .3	37	18	-35	27+	1867	0	31										
Hettinger	14.1	.4	50	17	-28	29	1566	0	31	.50	.14	.46	19				2	0	0
Ksnmare	3.0	-2.8	37	18	-32	6		0	31	.78	.43	.35	4				6	0	0
Marmarth	13.6 M	.1	48	17	-28	29	1588	0	31	.53	.11	.45	19	7.3	4	19+	3	0	0
Medora TR Nat M Pk	9.5		48	17	-36	29	1720	0	31	.51		.20	26	8.3	6	26	8	0	0
Mott	9.8	- .4	49	17	-32	29	1706	0	31	.46	- .03	.20	19	7.2	7	26+	4	0	0
New England	10.9	-2.6	50	17	-26	29	1670	0	31	.58	.12	.26	26	7.0	6	26+	4	0	0
Parshall	1.9	-4.4	41	17	-38	29	1954	0	31	.34	.00	.11	22	6.0	9	26+	5	0	0
Portal	.7	-2.3	36	18	-36	29		0	31	1.07	.67	.42	4				5	0	0
Powers Lake 1 N	- .7	-8.8	36	17	-36	29	2036	0	31	.31	- .21	.12	3+	9.0	13	27+	3	0	0
Richardton Abbey	8.7	-2.4	41	17	-27	28+	1743	0	31	.67	.29	.36	26	4.9	9	26+	9	0	0
Sanisb	2.1	-3.0	42	17	-42	29		0	31	.46	- .02	.12	23				10	0	0
Stanley	.0		37	17	-37	29	2012	0	31	.55	.16	.21	22	10.1	18	27+	5	0	0
Van Book	3.5 M		42	17	-37	29	1871	0	31	.24		.12	26	3.7	9	14+	6	0	0
Watford City	7.1	-2.7	43	17	-31	29	1794	0	31	.81	.34	.36	25	10.1			7	0	0
Williston WB City	5.8	- .6	42	17	-34	29	1835	0	31	.75	.21	.24	26	7.9	9	26+	8	0	0
DIVISION	6.0	-3.6								.50	.03			6.8					
STATE	3.3	-3.6								.57	.09			8.4					

See rsisrsnce notes following Station Indsx.

DAILY PRECIPITATION

NORTH DAKOTA
JANUARY 1951

Table 3

Station		Day of Month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADAMS 7 S		.04		.10	T										.03	T							.11	.05	T	T	.04						.37
ALEXANDER R R STA		T	.03	T		.12									T					.13			T	.02		.10	.49	.03				.79
ALMONT 7 SW		.06	.02			.05											T	T		T	T		.04	T		.06	.13	T				.49
ALPHA 1 S		T	.03	T	T	.02	.01							T						.09			T		.04	.07	T	T		T	T	.17
AMENIA		T			.13														T	.10	T			.08			.17					.45
AMIDON		.10	T	T		.10													•	.05				.03	.05	.05	.05						.43
AMIDON	R	.10			•	.10									.08							-	-		.03	.12							-
ANTLER	R			.25											.09	.02				.02			.07				.26						.34
ARVILLA STATE PARK		.01	.02	T	.05															.31							.04	.02				.59
ASHLEY						.08														.11							.20					.38
ASHLET	R //				.02	.04											T					T		.08		.02	.18					.83
BALDHILL DAM					.35	.02																	.14	-	-	-		.18					-
BALFOUR	R	.03		.11					.10	T							T	T		T			T	T			•	.23				T	.63
BANTRY					.30	T																		T	.03	.02	.08	.05					.25
BEACH		T	.02			.04																		.02	.03	.11	.07						.31
BEACH	R	.03			.04	.01									.09								.03	.05			.05	.03					.30
BELCOURT IROIAN RE		T	T	.05	T										.08								•	.08			•	.08					.28
BELCOURT INDIAN RE	R			.05																			.25										.35
BELFIELD		T				.10							T		.01				T		T	.01	.08				.18					.43
BERTHOLD			T	.15	T														T	.04						.02	.41					.83
BEULAH			.05	.03	.02	.06														.03						.10	.35					.64
BEULAH	R	.04	.04		.06	.02									T							T	.07				T					.38
BISBEE				.05	.28									.03	.02	T				.16	T			.05		T	.18	.10			T	T	.70
BISMARCK WB CITY		.03	.02	T	.04	.07	T						.03	T	.02				T	.07	T	T	T	.13	T	.02	.18	T			T	T	.55
BISMARCK WB AIRPOR	R	.01	.02	.02	.03	.02	T									T			T	T	.01		.02	.01			.07	.11					.32
BOTTINEAU		.02			.08											T								.15			.19	.18	T				.88
BOWBELLS				.02	.37	T										T								-		T	•	.30					-
BOWBELLS 5E				T	-	-																		T									.38
BOWMAN COURT HOUSE			T			.02														.17		.02		T	.02	.13	.02	T			T		.58
BOWMAN COUBT HOOSE	R //				.02	.01													.28	.05		.02		.01	.05	.14	.02						.82
BREIER	R				.02	.03							.02	.02	.08				.03	.17				.03	.10	T	.18						.47
BUTTE		T	T	.07	.13									.03	.05				T	.03				.05			.11						.27
CANDO	R			.07	.03											.05		.10		.01	T						.04						.78
CARRINGTON		.04	.25	.14	.06		.06	.07							.05				.08	.17						.08	.13						.53
CARSON	R					.04							T		T					.36						T	.35						.78
CARSON 2 S W		.01	.02			.04																		.10			.03						.23
CAVALIER					.10								T							.10						T	.28				T		.58
CENTER			T	.10		.10														.07					.02		T	.06					.58
COLGATE		T		.15	.29																		.12				.17						.41
COLUMBUS				.12											T					.10				.20			.15	T					.80
COOPERSTOWN			.07		.08														T	.03				.55				.10					.86
COURTENAY		T	.10	T	.08								T	T							T		T			.01	.12						.28
CROSBY			T	.13																.12			.12	.24		.02	.13						.28
CROSBY	S			.13																						•	.27						.81
DAWSON			.04	.05	.04	.03							T	.01	.04	T			T	.02	T	T	.14	.02	T	T	.15	.03			T		.88
DEVILS LAKE R B CI	H	T	.01	.24	.02	.01	T	T							T		T		T	.07	T		T		.01	.15	.24	T			T	T	.59
DICKINSON CAA	R	.01	.02	.01	.06	.02	T													.06					.01	.14	.25						.55
DICKINSON CAA	R	.01	.02	.01	.03	.02										T		T			.06	T	T		.01		.01	.18	.12				.45
DICKINSON EXP STA			.01	.02	.01	T	.05	T												T				.34	T		-						-
DRAKE						.20															T			.03		T	.15	.17					.45
DUNN CENTER		T	.03	T	.03	.04									T					T			-	-			T						-
DUNSEITH ST SANITA				T	T															.07	T				.03	.05	.08	.10					.41
EDGELEY EXP FARM			T		.08		.02																										-
EDGELEY EXP FARM	8			.03	.03	.02	-	-	-	-	-	-	-	-	T	.02	.08		-	-	-	-	-	.02	.06		.14	.14	T	-	-		.61
EGMORE 1 W		T	T	.05	.10	T												.02			.02					.20							.24
ELBOWOODS			T		T															.28	T			.02		T	.12	.23			T		.87
ELGIN 5S		T	T	T		.04							T							.22							.28	.02					.80
ELLENDALE		T		.10	.08	.07																				.04	.12						.24
EPPING				.08	T																	•	•	.12			.13	.03					.46
ESMOND	S			.18																			.05			.04	.25						.45
FAIRFIELD 8 N		-	-		-					T			T	.03	.02	.01				.03	T		.01	.15	T	T	.07	.01		.10			.40
FARGO RB AIRPORT	R //	.01	.01	.02	.08	T							T	.03	.02	.01				.03	T		.08				.04						.46
FESSENDEN				.04	.14									.02	.05					.18						.02	.07	.08					.70
FLASHER		T	T			.03									T					T			.24	.08			.18	.05					.57
FLAXTON				.18	.01															.17							.25						.58
FORMAN				T	.15								T	.02	.06					.21				T		.03	.23	T					.65
FORT YATES			T			.04								.02	.07					.23						.10	.18						1.05E
FORT YATES	R				.02	.03														T			.10	T		T	.25	.20					.27
FOXHOLM WILDLIFE R		T		.30	.20															.02			.03		.03	.05	.05	.02					1.08
FREYBURG	R	.03	.02		.02															.42				.14			.26						.80
FULLERTON		T	T	T	.18	.08														.12							.35						.40
GACKLE			.01	.20	.12														T	T	.02		T	.02		.06	.23						.51
GARRISON		T	.02	.03	.02	T									.02					.08		.01	.08	.03		.07	.15						.47
GLEN ULLIN			.02	.02	.01	.02												T		.02	T		.03	.08	.01	.18	.06						.11
GOLDEN VALLEY 1 S		.04	T		.05																				.03	.03							.63
GOLVA 1SE	R				•	.05																	.05	.15			T	.12					.58
GRAFTON STATE SCHO		.01		T	.20									T	.10					.02			.16	.14	T	T	.03	T				T	.56
GRAND FORKS CAA		.02	.01	.03	.03	T								.01	.13	.01				.02			.16	.13			.03						.60
GRAND FORKS CAA	R //	.02	.01	.03	.03									T	.11	.01				.03			.16	.12	T		.04	T					.55
GRAND FORKS UNIV		.11	T	T	.05										.08	T				.20				T			.22						-
GRAND RAPIDS 1N					.10	.03									T					-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRANO	R //			.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.30	T			.24	T					.85
GRANVILLE		T	T	.25	.06	T							T		T					T			.23	.05		.13	.33						-
GRASSY BUTTE	R	-	-	-	-	-												T						.20	T	.08	.48						.84
GRASSY BUTTE 1 N			.06	.02	T	T	T																T				.05	T					-
GRENORA		-			-																												-
HALET	R	-																	T	.24	.02			T	T	T	.18				T		.23
HALLIDAY		T	.04	.03	T														T	.06		T				.02	.20						.40
HALLIDAY	R	.01	.04	.02	.03	.02								T	T	.02			T	T	.10		.02	T					.04					.30
HANKINSON 8 R STA				T	.07	.05																											-
HANNAFORD	R			.22											.05	T							.07	.03			.05						.34
HANNAH		.05		.02	.07										.06	T				.11				.05			T						.15
HANSBORO		.01		.03	T									T	T			T	T			T	.03				.10						.33
HARVEY RATES WORKS			.04	.12	T	.04													.13	.14				.01	.02	.07							.38
HAYNES 6NE	R			.01	.01								.03		.03					.27		.02	.06	.17		.01	.28						.85
HAZELTON R R STATI	R //			.04	.04															.46									.04			.50
HETTINGER																			.02	.42					.02	.12		-	-	-	-	-	-
HETTINGER	R	-	-	-	-	-													T	.04	T	T		.08	T	T	.06						.59
BILLSBORO		.01	.01	T	.31	.01								.02		.05				.04		.02	.12	.26	.02	.02	.20						.94
HURDSFIELD	R	.01	.04	.14	.01	.01									T	.02	T		T	.08	T	T	.01	.01		T	.18	T	T				.67
JAMESTOWN CAA		T	.04	.09	.21	.03										.05				.11			•	.02			.18						.61
JAMESTOWN CAA	R //		.04	.10	.06	.05										T				.10				T			.36	T					.54
JAMESTOWN STATE HO			T	.08	T											T		T		T	T		.02				.07				T	.12
KESNE			.01	.02											T				T					.07			.15	.15					.78
KERMARE		.03		T	.35										.03								.05			.05	.25						.74
KENMARE	R			.36											.03									.07			.10	.03					.43
KENSAL WILDLIFE RE			.06	.02	.08										T	T				.06	T				T	.47	.11					.74
KILLDEER 8NW				T	.06	.10														T				.23	T	T	.15						.67
LANGDON EXP FARM		.04			.07										.15	.03								-	-								-
LARIMORE				.02	.05														T	T			.14	.08			.18	.06					.89
LEEOS		T		.24	.17									T	.02				T	T				T		.08	.12	T					.37
LEFOR 10E		T	T	T		.06													T	.11	T					.02	.45						.88
LINTON				T		.10							.01	.06	.04					.30													.40
LISBON					.10	.03													T	.07	.06			.01				.13					.71
MADDOCK AGR SCHOOL		.03	.07	.06										T	T				T	T			.08	.23			.24				T		.89
MANDAN EXP STATION		.02	.02		.04	.08								.02	.01					.15	T	T		.02		T	.24	.28					.28
MANDAN EXP STATION	R		.03			.03								.02					T	.06							.15						.81
MANDAN FT LINCOLN		T	.04	.02		.05							T	T	.04				T	.15					.03	.03	.28						.53
MASMARTH					T	T	T													.45					.03	.05	T						.39
MARMARTH M D O CO	R		.02												.02					.22	.02				.03	.04	.04						.36
MARTIN			T	.18															T	T				.08	.10	T						.71
MAX			.03	.19	.03										T					.03		T	.13	T		.08	.22						.79
MAYVILLE			.11	.09	.29										.05	.04			T	.04				.07	T		.04	.06					.88
MC CLOSKY		.03	.06	.20	.06														T	.04			.05	.06			.32						-
MC GREGOR RR STATI	R			.08	.03	-	-	-	-	-	-	-	-	-	-	-				.10			.02	.87	.18	.04	-	-	-	-	-	-	-
MC HENRY 5 N		.01	.08	.01	.15	T									T	T	T			.10			T	.07			.04						.46
MC LEOO 3 E					.12										T		.17			.35				.11			•	.25					.83
MC VILLE			.12			.08									T					T				.24			T	.22					.83
MEDORA 1 W																				.21							.38						-
MEDORA T R N M P		.01	.05	T		.04												T		.01			T	T	.03	.15	.2	.02					.46
MELVILLE	R		.04	.05	.01															-	-	-	-	-			-	-						-
MINOT CAA		.01	T	.25	.04	T							T		.01				T	T	T	T	.25	.01			.33	.06			T		1.15
MINOT CAA	R //	.02	.02	.24	.03										.02				T	T	T			T			.25	.01					1.28
MIROT EXP FARM		T	.01	.15	.10	.06	T														.35			.12			.05						.58
MOFFIT RR STATION				T	T												T				T						.25						.52
MOHALL		T		.25	.06											.01					T		.02	T	T		.03	.08					.58
MONTPELIER				T	.15	.02											T			.07	T			.02									.38
MOTT			T	T	.03															.21						.12	.11						.46
MOTT	R				.03														.12	.07						*	.23						.45
MUNICH 4 SW		T		T	.19		T					T	T	.01	.04					T			T	.03			.12			T		.39

See reference notes following Station Index

DAILY PRECIPITATION

Table 3—Continued

NORTH DAKOTA
JANUARY 1951

Station		Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON 1 SE		T	.02	T	.02	.05								T	.01					.20		T	T	.34		T	.05	.02					.71
NAPOLEON 1 SE	R		.01		*	.07								.02					*	.20			.07	.30	.02	.05	.02					.76
NEW ENGLAND			T			.03														.08					T	.21	.26			T		.58
NEW ROCKFORD 7WNW			.17	.30	.18	T								T	T				.08				T	.04			.13					.82
NEW SALEM 1 S		.05																		.08	T	T		.10		.05	.27						.56
NOONAN				.35																			.25			*	.25						.85
NORTHGATE	R	.08	-	-	-	-	-							-	-	-							.54	-	-	-	-	-	-				-
OAKES					.08	.06														.10	.08						T	.20					.52
OAKES	R			.05	.07															.18							.20						.50
PARK RIVER		T	.01	T	.12								T		.10	.05							.02	.02			T	T					.32
PARSHALL			T	.07	T							T		T	T				T		T	.03	.11	.04		T	.09	T					.34
PEMBINA 2N					.06																	T	03	.04									.13
PEMBINA 2N	8 //			.04	.02																		*	.07									.13
PETERSBURG			.07	.03	.06	T									.07	.01							.06	.18	T		.09						.58
PETTIBONE			.10	.08	.12	.01		T							T	.03				.05		.01		.26			.16		T	T			.82
PETTIBONE	R		*	*	.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PORTAL				T	.42	T									T	.05			T				.05	.30		T	.25	T	-		T		1.07
POWERS LAKE 1N		T	T	.12	T																						T	.12					.31
PRETTY ROCK		T		.04			T						.10		.05					.30						.09	T			T		.58
RAUB	R //		.07	.03	.02	.02									.02	-	-	-	-	-	-	-	-	-	.07	.13	.03						-
REEDER						T														.10					.10	.25							.45
REEDER 14N		T				.03														.07					.02	T	.07	.07	T				.26
RICHARDTON ABBEY		.01	.02	.01	.01	.05											T		T	.08	T			T	T	.12	.36	.01			T		.67
RICHARDTON ABBEY	R	.01	.04		.02	.02											T			.05					.02	.15	.33						.64
RIVEROALE		T	.02	.07	.01															T	T	T	.03	.03		.02	.10						.28
RIVERDALE	R		.03	.03	.01																		.03	.05		.02	.13						.30
ROLETTE	R			.14	.03									.02									.10				.10	.03					.42
ROLLA		.04		.08	.09										.08					T			T	.16			.08	.05					.58
RUGBY		.08	.03	.20	.05	T							T	.03									.03	.08		.25	.03	.02					.78
RYDER		T	.03	.03		.05								.03	T					T		T	T		T	T	.15						.29
RYDER	R	.03		.03	.01	.03								.03											.02	02	.14						.31
SANISH			.02	.01	.06	.04									T				T			.03	.03	.03		T	.12	.10	.02				.46
SARLES	R //	.05		.11	.04								.03	.02	.05							.04	.32			.11	.07						.84
SELFRIDGE		T		T	T	.15	T							.15	.09					.55							.15				*	1.09
SHARON			.08	T	.18										.03					.08			T	.20			.15						.73
SHERWOOD		.04		.05	.02										.07					T			.03	.09			.13	.03					.46
SHIELDS					.05										.03					.46	T						.19						.73
STANLEY				.08		T																	.21	.08			.12	.06					.55
STANLEY	R			.15	.05																		.12	.04		.08	.22	.01	.02				.68
STEELE		T	.07	.06	.06	T								T						.12		T		.04			.12						.47
TAGUS				.35		T	T							T	T	T				T	T		.02	.08			.35	T					.78
TIOGA				.10																	T		T	.08		.01	.20						.38
TOLLEY 4NE				.35																			T				.30						.85
TOWNER		T		.21	.15								T	T										.07		.17							.60
TROTTERS			.03	T		.08											T			.02	T			.02	.06	.17	.25	T			T		.63
TROTTERS 3S	R				.03	.02																		.04	.01	.08	.13						.31
TURTLE LAKE		.15	.05	.20	.10									T	T	T			T	.05	T	.03	.32	.01		.02	.80						1.53
TUTTLE 8 SW			T	.13	.05														.03			.02					.22	.15					.60
UNDERWOOD 12 W		T	T	.06	.14	.06		T	T						T	T								.12		.36	.06	.04	T				.84
UPHAM WILDLIFE REF				.15																			.15	T			.09	T					.39
VALLEY CITY		.05	.03	.15	.05	T														.08			*	.15			.18	.02					.71
VAN HOOK			.02	.02		.02									.03				T		T		.03				.12	T					.24
VELVA		.02	.03	.12	.03	.02							T		.01	T			T	.01	T	T	.02	.01		T	.14	.05					.43
VERONA			-	-	-															T	.14			-			-						-
WAHPETON POWER PLA	R				.10															.18							.09						.38
WAHPETON STATE SCH				.01	.11									.02		.02				.16			.10	.04			.18	.08					.73
WASHBURN			.05	.10		T								T						T	T	T				T	.85						.80
WASHBURN WATER WKS	R	.01	.04	.07	.02	.03													.08							.04	.26						.58
WATAUGA S OAK 8N						T	T													.15	.05					T	.10			T			.30
WATFORD CITY			.03	.02	.04																		.07	.08		.36	.21						.81
WATFORD CITY 11E	R	.01	.02		.05										.02						-	-	-	-			-					.02	-
WESTHOPE		.03		.21	.03										.15								.12	T			.29						.83
WILDROSE				.13																T	T		.06	.10			.19						.48
WILLISTON WS CITY	R	.01	.03	.08	.04	T					T	T		T	.01				T	T	T	T	.18	T	T	.16	.24	T		T	T	T	.75
WILLOW CITY		T		.21	T								T		T					T			.08				.06						.35
WILTON RR STATION			T	T	.06	.08								T					.10	T		T	T	.08	T	.11	.12						.55
WISHEK					.02	.13	T	T												.27	T		T	.08	.01	T	.03	.03						.55
ZAHL				.07	T	.02								.02					T	T	.02		.04		T	.02	.12	T			T	.02	.33

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4

NORTH DAKOTA
JANUARY 1951

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
AMIDON	*	*	.10								.01	.01	.01												.10
BALFOUR																					.01	.01	.01		.03
BEACB																						.02	.01	.01	.03
BEULAB																									.04
BISMARCK WB AIRPORT		.01																						.01	.01
OICKINSON CAA																									.01
FARGO WB AIRPORT //			.01																		.01		.01	.01	.03
FRYBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GLAOSTONE 22N													.01												.02
GRAND FORKS CAA //							.01																		-
GRASSY BUTTE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HALEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01		.01
HALLIDAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HETTINGER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	.01
HURDSFIELD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KRAMER 5 SE															.01	.01									.02
MINOT CAA //														.02	.01	.03	.01	.01						.01	.08
NORTHGATE																								.01	.01
RICHARDTON ABBEY																		.01	.02						.03
RYDER																									.05
SARLES 3 E //	.02	.02	.01																						-
SHEYENNE	-	-,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	.01
WASBBURN WATER WKS																								.01	.01
WATFORD CITY 11E																								.01	.01
WILLISTON WB CITY																									
—2d—																									
BEULAB	.02	.01	.01																						.04
BISMARCK WB AIRPORT					.01	.01																			.02
DAWSON							.01	.03																	.04
OEVILS LAKE WB CITY										.01															.01
DICKINSON CAA							.01					.01													.02
FARGO WB AIRPORT //																		.01							.01
FRYBURG	.01	.01														.01	.01								.02
GLEN ULLIN																				.01					.02
GRAND FORKS CAA //																									.01
HALLIDAY	.01			.01					.01	.01															.04
HURDSFIELD	.01		.01					.01	.01																.04
JAMESTOWN CAA //											.01	.01	.02												.04
MANDAN EXP STATION													.02	.01											.03
MARMARTH M D U CO													.01	.01											.02
MELVILLE										.01	.02	.01													.04
MINOT CAA //											.01	.01													.02
NAPOLEON 1 SE																		.01							.01
NORTHGATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PETTIBONE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
RAUB //									.03	.01	.01		.01	.01											.07
RICHARDTON ABBEY		.02									.01	.01													.04
RIVERDALE							.01	.01	.01																.03
WASBBURN WATER WKS	.02	.01	.01																						.04
WATFORD CITY 11E	.01	.01																							.02
WILLISTON WB CITY					.01	.01			.01																.03
—3d—																									
ANTLER									.01	.01	.02	.01	.02	.02	.01	.02	.01	.03	.03	.02	.01	.03			.25
BALFOUR												.01	.01	.01	.01	.01	.02	.01	.01	.01			.01		.11
BELCOURT INDIAN RES	*	*	*	*	*	*	*	*	*	*	*	*	.05												.05
BISMARCK WB AIRPORT																		.01						.01	.02
CANDO																	.02	.01	.01	.01		.01		.01	.07
CROSBY				.01	.01		.01		.01	.01		.01	.01	.01	.01	.01	.01	.01	.01						.13
DAWSON																			.03	.01	.01				.05
DEVILS LAKE WB CITY												.01	.01	.01	.01				.04	.04	.04	.03	.03	.02	.24
DICKINSON CAA									.01																.01
EDGELEY EXP FARM											.01	.01	.01	.01	.02	.01	.01	.02	.01	.02	.01	.01	.01	.01	.03
ESMOND																									.18
FARGO WB AIRPORT //																					.01	.01	.01		.02
GLEN ULLIN																		.01		.01					.02
GRAND FORKS CAA //														.01								.01	.01		.03
GRANO //									.01		.01	.01		.01	.01	.02	.01	.02	.02						.12
HALLIOAY																	.01	.01							.02
HANNAFORD		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.22						.22
HAYNES 6 NE		.01																							.01
HAZELTON R R STATION //																.01	.01	.02							.04
BURDSFIELD													.01	.01	.01		.01	.01	.02	.02	.02	.01	.01	.01	.14
JAMESTOWN CAA //																	.01	.02	.01		.01		.01	.04	.10
KENMARE							.04	.01	.03	.02	.04	.03	.03	.03	.03	.07	.01	.01	.01						.36
MC GREGOR RR STATION									.03	.01	.01		.01	.01	.01										.08
MELVILLE																				.01	.01	.02		.01	.05
MINOT CAA //								.02	.01	.02	.01	.01	.02	.01	.02	.01	.03	.02	.02	.02	.01		.01		.24
OAKES																			.01	.02	.01			.01	.05
PEMBINA 2N																					.01	.01	.01	.01	.04
RAUB //										.01			.01				.01								.03
RIVEROALE									.02	.01															.03
ROLETTE														.03	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.14
RYDER												.01	.01	.01											.03
SARLES 3 E //								.03	.01	.02	.02	.01	.01	.01	.02	.01	.01		.03	.02	.01	.02	.02	.01	.11
STANLEY											.01	.01	.01		.01	.02	.01								.15
WASBBURN WATER WKS																.01									.07
WILLISTON WB CITY					.02	.01			.02	.02															.08
—4th—																									
AMIDON																	*	*	*	*	*	*	*	*	*
ASBLEY //																					.01	.01			.02
BEACB																				.01	.01	.01	.01	.01	.04
BEULAB			.01	.01																		.01	.01	.01	.06
BISMARCK WB AIRPORT																						.01	.01	.01	.03
BOWMAN COURT BOUSE //																					.01		.01		.02
BREIEN																									.02
CANDO	.02		.01																				.01	.01	.03
DAWSON		.01	.01																						.04
DEVILS LAKE WB CITY	.01	.01																		.01		.01		.01	.02
DICKINSON CAA																									.03
EDGELEY EXP FARM	.01		.01	.01																					.03
FARGO WB AIRPORT //		.02	.02	.02	.01					.01															.08
FORT YATES																						.01	.01		.02
FRYBURG																							.01	.01	.02
GLEN ULLIN																							.01		.01
GOLVA 1 S E																	*	*	*	*	*	*	*	*	*
GRAND FORKS CAA //						.01				.01	.01														.03
GRANO //		.01	.01	.01													-	-	-	-	-	-	-	-	-
HALLIOAY																					.01		.01	.01	.03

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

NORTH DAKOTA
JANUARY 1951

Station		A. M. Hour ending											P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
HAYNES 6 NE			.01																							.01
HAZELTON R R STATION	//						•	•	•	•	•	•	.04													.04
HURDSFIELD		.01																								.01
JAMESTOWN CAA	//		.01	.02	.01			.01							.01											.06
MC GREGOR RR STATION													.01				.01						.01			.03
MELVILLE			.01																							.01
MINOT CAA	//							.02	.01																	.03
MOTT											.01	.01	.01													.03
NAPOLEON 1 SE		.01	.01																	•	•	•	•	•	•	•
OAKES		.01	.03	.01						.01	.01															.07
PEMBINA 2N			.01	.01																						.02
PETTIBONE		•	•	•	•	•	•	.30																		.30
RAUB	//																							.01	.01	.02
RICHARDTON ABBEY																					.02					.02
RIVERDALE			.01																							.01
ROLETTE		.01	.02																							.03
RYDER																								.01		.01
SARLES 3 E	//	.02	.01	.01																	.02	.01	.01	.01		.04
STANLEY																										.05
TROTTERS 3S																								.01	.02	.03
WAHPETON POWER PLANT			.01	.02	.05	.02																				.10
WASHBURN WATER WKS																								.01	.01	.02
WATFORD CITY 11E																					.01	.01	.02	.01		.05
WILLISTON WB CITY																					.01	.01	.01	.01		.04
—5th—																										
AMIDON		•	•	.10																						.10
ASHLEY	//	.01		.01							.01	.01														.04
BEACH		.01																								.01
BEULAH		.01	.01																							.02
BISMARCK WB AIRPORT				.01		.01																				.02
BOWMAN COURT HOUSE	//	.01																								.01
BREIEN			.01		.01		.01																			.03
CARSON		.01	.01	.01				.01																		.04
OAWSON			.01		.01	.01																				.03
DEVILS LAKE WB CITY							.01																			.01
DICKINSON CAA			.01	.01																						.02
EDGELEY EXP FARM		.01						.01																		.02
FORT YATES		.01	.01	.01																						.03
GLEN ULLIN		.01	.01																							.02
GOLVA 1 S E		•	•	•	.05																					.05
HALLIDAY						.01	.01																			.02
HETTINGER		-	-	-	-	-	-	-	-	-	-	-	-	-												-
HURDSFIELD					.01																					.01
JAMESTOWN CAA	//						.01	.02				.01	.01													.05
MANDAN EXP STATION		.01	.01	.01																						.03
MC GREGOR RR STATION																									-	-
NAPOLEON 1 SE		•	•	•	•	•	•	.05																		.07
PETTIBONE															-	-	-	-	-	-	-	-	-	-	-	-
RAUB	//	.01	.01																							.02
RICHARDTON ABBEY		.01	.01																							.02
RYDER		.01	.01	.01																						.03
TROTTERS 3S		.01	.01																							.02
WASHBURN WATER WKS				.01		.01					.01															.03
—6th—																										
EDGELEY EXP FARM										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRASSY BUTTE		-	-	-	-	-	-	-	-																	-
NORTHGATE		-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-							-
—12th—																										
BISMARCK WB AIRPORT																			.01			.01			.01	.03
BREIEN																							.01	.01		.02
HAZELTON R R STATION	//																			.01	.01	.01				.03
SARLES 3 E	//																				.01			.01	.01	.03
—13th—																										
BREIEN		.01	.01																							.02
CANDO				.01		.01	.01																			.03
DEVILS LAKE WB CITY											.01															.01
FARGO WB AIRPORT	//				.01	.01	.01																			.03
FORT YATES		.01	.01																							.0'
GRAND FORKS CAA	//			.01																						.(
MANDAN EXP STATION								.01	.01																	.'
NAPOLEON 1 SE						.01	.01																			.0.'
NORTHGATE																			-	-	-	-	-	-	-	-
ROLETTE		.01	.01																							.02
RYDER									.02	.01																.03
SARLES 3 E	//							.01			.01															.02
—14th—																										
ANTLER											.01	.04	.01	.02												.08
BELCOURT INDIAN RES															.03	.01	.01	.01	.01		.01					.08
BISMARCK WB AIRPORT										.02																.02
BREIEN									.06	.02	.01															.09
CANDO															.01	.01	.01	.01			.01					.05
CARSON								.05																		.05
DEVILS LAKE WB CITY													.01					.01	.01		.01					.04
FARGO WB AIRPORT	//																		.01				.01			.02
FORT YATES								.01	.01	.05																.07
GLEN ULLIN								.01	.01																	.02
GRAND FORKS CAA	//															.01	.04	.04	.01						.01	.11
HANNAFORD											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAZELTON R R STATION	//										.01	.01		.01												.03
HURDSFIELD																		.03	.01	.01						.05
JAMESTOWN CAA	//												.01	.01	.01	.01			.01							.05
KENMARE						.02	.01																			.03
MARMARTH M O U CO																				.01	.01					.02
MINOT CAA	//															.01	.01									.02
RAUB	//																					.01	.01			.02
SARLES 3 E	//														.01	.01	.01	.01	.01							.05
WATFORD CITY 11E			.01	.01																						.02
WILLISTON WB CITY						.01																				.01
—15th—																										
FARGO WB AIRPORT	//			.01																						.01
GRAND FORKS CAA	//			.01																						.01
MC GREGOR RR STATION		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									-
NORTHGATE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							-
RAUB	//										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

NORTH DAKOTA
JANUARY 1951

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—16th—																									
MELVILLE																									-
—18th—																									
AMIDON																		*	*	*	*	*	*	*	*
BOWMAN COURT BOUSE //																				.03	.08	.08	.05	.04	.28
BREIEN																								.03	.03
CARSON																							.03	.03	.06
HALEY																				.03	.06	.04	.06	.05	.24
HAYNES 6 NE																					.01	.02	.04	.06	.13
HETTINGER																								.02	.02
MARMARTB M O U CO																			.05	.05	.04	.03	.02	.03	.22
MOTT																						.04	.05	.03	.12
NAPOLEON 1 SE																						*	*	*	*
WASHBURN WATER WKS				.03	.02	.01	.01			.01	.01														.09
—19th—																									
AMIDON	*	*	*	*	*	*	*	*	*	*	*	.05													.05
ASBLEY //				.03	.02	.02	.01	.01	.01	.01															.11
BEULAB		.01	.01	.01																					.03
BISMARCK WB AIRPORT				.01	.02	.02	.01	.01																	.07
BOWMAN COURT BOUSE //	.01	.03	.01																						.05
BREIEN	.04	.04	.05	.01	.01	.02																			.17
CARSON	.07	.03	.03	.02	.01	.01																			.17
DAWSON					.03	.03	.02		01	.03															.12
DEVILS LAKE WB CITY										.01		.01													.02
DICKINSON CAA	.05	.01																							.06
FARGO WB AIRPORT //										.01	.01	.01													.03
FORT YATES		.02	.03	.08	.03	.01	.03	.02	.01																.23
FRYBURG							.02																		.02
GLEN ULLIN		.01	.04	.01	.01	.01																			.08
GRAND FORKS CAA //													.01	.01											.02
HALEY	.01	.01																							.02
HALLIDAY														.01		.01			.01	.01	.01		.01		.06
HAYNES 6 NE	.07	.04	.01	.01	.01																				.14
HAZELTON R R STATION //		.02	.05	.07	.05	.01	.02	.02		.01		.01		.01											.27
HETTINGER	.04	.06	.07	.13	.05	.01	.01	.05																	.42
HURDSFIELD							.01	.01	.01	.01															.04
JAMESTOWN CAA //							.04	.02	.02	.01	.01				.01										.11
MANDAN EXP STATION				.02	.02	.01	.01																		.06
MARMARTH M D U CO	.02																								.02
MOTT	.01	.01	.03	.02																					.07
NAPOLEON 1 SE	*	*	*	*	*	*	*	*	*	*	.20														.20
OAKES						.05	.03	.02	.03	.02		.01	.01		.01										.18
RICHARDTON ABBEY		.03	.02					.08	.05	.03	.02	.01													.05
WAHPETON POWER PLANT																									.19
—20th—																									
WATFORD CITY 11E																		-	-	-	-	-	-	-	-
—21st—																									
ANTLER													.01							.02	-	-	-	-	-
BOWMAN COURT BOUSE //	.01	.01													*	*	*	*	*	*	*	*	*	*	.02
ESMOND																							.01		.01
GLEN ULLIN																	.01				.01				.02
HAZELTON R R STATION //													.01				.01								.02
BURDSFIELD																								.04	.04
SARLES 3 E //																									
—22d—																									
ANTLER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										-
BALFOUR		.03	.01		.01	.01							.01	.01					.01	.01	.01	.01	.01	.01	.14
BELCOURT INDIAN RES										*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BREIEN																					.01				.01
CANDO					.01	.01		.01													.01	.01			.05
DAWSON																				.01	.03	.03	.03	.02	.12
DEVILS LAKE WB CITY			.04	.04	.02	.01														.02			.01		.14
FARGO WB AIRPORT //																					.01				.01
FRYBURG			.01		.01																.01	.01	.01		.03
GLEN ULLIN																		.01		.02			.01	.01	.08
GRAND FORKS CAA //				.05	.01	.02	.01	.03	.02	.01	.01							.04	.02	.03	.02	.04	.01	.04	.16
GRASSY BUTTE			.01	.01		.01															.01	.01		.03	.23
HAZELTON R R STATION //	.01																		.01	.01	.01	.02	.04	.01	.06
HURDSFIELD		.01				.01																			.12
JAMESTOWN CAA //																		.01	.01	.01			.01	.01	*
KENMARE																						.01	.01		.05
MC GREGOR RR STATION														.01		.02	.05	.07	.07	.06	.02		.05	.01	.02
MINOT CAA //		.01	.01	.01																.01	.01	.01	.02	.02	.39
NAPOLEON 1 SE																					.01	.01	.02	.01	.07
NORTHGATE		.01		.01		.03		.02	.01	.02		.01	.01		.03	.05	.08	.10	.04	.05	.03	.01	.02	.01	.54
PEMBINA 2N	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
RIVERDALE																			.02	.01					.03
ROLETTE	.01	.04	.01	.03	.01																				.10
SARLES 3 E //	.03	.07	.04	.03	.02	.01	.01		.01		.02	.02	.01	.04	.01										.32
STANLEY		.01	.01								.01					.03	.01	.02	.01			.01		.01	.12
WILLISTON WB CITY		.01												.02	.01	.01	.02	.03	.02	.01	.02	.02	.01		.18
—23d—																									
AMIDON																							.02	.01	.03
BALFOUR		.01		.01	.01		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEACH																						.01	.01		.02
BELCOURT INDIAN RES	*	*	*	*	.08																				.08
BISMARCK WB AIRPORT			.03	.04	.03	.02	.01																		.13
BREIEN								.01	.01	.01	.01		.01												.05
DAWSON	.03	.03	.03	.02	.02	.04	.03	.01	.01		.01		.01												.24
DEVILS LAKE WB CITY				.01		.01																			.02
ESMOND	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.12								.12
FARGO WB AIRPORT //		.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01								.15
GLEN ULLIN	.01						.01		.01																.03
GRAND FORKS CAA //							.01	.01	.01	.02	.02	.01	.02	.01									.01	.01	.13
GRASSY BUTTE	.01	.02	.01	.01																					.05
HALEY																							.01		.01
HAYNES 6 NE								.01			.01		.02	.01	.01	.01								.01	.01
HAZELTON R R STATION //	.02	.02	.03	.03					.01	.01	.01	.01	.02	.02	.03										.17
BURDSFIELD	.02	.03	.05	.02	.01	.02																			.26
JAMESTOWN CAA //	*	*	*	*	*	*	*	.02																	.02
MC GREGOR RR STATION			.01	.01				.01	.01				.01	.01	.04	.05	.07	.08	.11	.15	.15	.10	.08	.05	.03
MINOT CAA //	.03	.04	.03	.01		.02	.01						.01	.01											.97
NAPOLEON 1 SE	.03	02	.02	.02	.01	.04	.01	.03	.02	.01			.05	.01	.01	.02									.16
																									.30

See reference notes following Station Index.

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
NORTHGATE	.01		.01	.01	.01			.01	.01	.02		.01	.01	.01	.01	.05	.02	-	-	-	-	-	-	-	-
PEMBINA 2N	*	*	*	*	*	*	*	.07																	.07
RAUB //	-	-	-	-	-	-	-	-	-	-	-	-													-
RIVERDALE		.03							.01	.01															.05
STANLEY	.01	.01	.01		.01																				.04
TROTTERS 3S																						.01	.03		.04
WATFORD CITY 11E	-	-	-	-	-	-	-	-	-	-															-
											-24th-														
AMIDON		.01			.01				.01																.03
BEACH		.01	.01	.01																					.03
BOWMAN COURT HOUSE //			.01	.01	.01					.01															.04
DICKINSON CAA												.01													.01
FRYBURG		.01			.01		.01																		.03
GOLVA 1 S E			.01		.01					.01															.03
HALEY	.01	.01	.01					.01	.01															.02	.07
HAYNES 6 NE				.01	.01																				.02
HETTINGER																				.01		.01			.02
HURDSFIELD		.01	.01																						.02
MARMARTH M D U CO			.01	.01			.01																		.03
MC GREGOR RR STATION	.03	.03	.03	.03									.01	.04	.01										.18
NAPOLEON 1 SE										.01				.01											.02
RAUB //																		.01	.01	.01	.01	.01	.01	.01	.07
RICHARDTON ABBEY																						.01	.01		.02
RYDER																					.01	.01			.02
TROTTERS 3S		.01																							.01
											-25th-														
AMIDON		.01	.01						.01	.02	.01	.03	.01	.01	.01										.12
ASHLEY //																						.01		.01	.02
BALFOUR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
BEACH	.01	.02	.01	.02					.01	.01		.01	.01			.01									.11
HEULAH															.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.10
BISMARCK WB AIRPORT																					.01		.01		.02
BOWMAN COURT HOUSE //		.01	.01	.01						.01	.03	.03	.02	.02											.14
CARSON											.01	.01						.01	.01	.01			.01	.02	.08
CROSBY																						.01		.01	.02
DAWSON																*	*	*	*	*	*	*	*	*	*
DICKINSON CAA		.01							.02		.01	.01	.01			.01	.02	.01	.01	.01	.01	.01	.01	.01	.14
FORT YATES											.01	.02	.01			.01		.01	.01	.01	.01		.01	.02	.10
FRYBURG									.01	.01		.01		.01					.01						.05
GLEN ULLIN																.01	.01	.01	.01	.01				.01	.07
GOLVA 1 S E												.01			.01			.01							.03
GRASSY BUTTE									.01	.01	.01	.02		.01	.01	.02		.01	.01	.01				.01	.13
HALEY	.01	.01									.01	.01	.01		.01										.06
HALLIDAY																.01			.01						.02
HAYNES 8 NE		.01	.01								.01	.01	.01	.01	.01										.07
HAZELTON R R STATION //																								.01	.01
HETTINGER											.01	.01	.03	.02	.02	.02		.01							.12
HURDSFIELD																							.01	.01	.02
KENMARE																							.02	.03	.05
MARMARTH M D U CO	.02	.01	.01																						.04
MC GREGOR RR STATION																				.01	.01	.01	.01		.04
MINOT CAA //																								.01	.01
MOTT									*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
RAUB //	.01			.03	.01	.01	.01		.01	.01	.03	.01													.13
RICHARDTON ABBEY												.04		.02	.02	.01		.01	.02	.01	.01			.01	.15
RIVERDALE									.01	.01															.02
RYDER																.01		.01							.02
SARLES 3 E //							.01	.01	.01	.02		.01	.02	.01	.01									.01	.11
STANLEY																			.01	.01	.03	.01	.01	.01	.08
TROTTERS 3S							.01	.01		.02	.01						.01	.01			.01				.08
WASHBURN WATER WKS																				.02		.01		.01	.04
WILLISTON WB CITY				.01	.01	.01					.01					.01	.02				.04	.02	.02	.01	.16
											-26th-														
ANTLER				.02	.01	.01	.02	.03	.01	.01	.02	.02	.01	.02	.02	.01	.01	.01	.01			.01		.01	.26
ASHLEY //		.01		.01	.02	.02	.01	.02	.03	.02	.03	.02													.19
HALFOUR		.01		.01				.01	.01	.01	.02	.01	.01	.01		.01		.01							.12
HEACB		.01	.01	.01	.01		.01	.02																	.07
BELCOURT INDIAN RES							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HEULAH	.02	.02	.04	.03	.01	.02	.05	.04	.05	.04	.02	.01													.35
HISMARCK WB AIRPORT		.01		.01	.01	.01	.01	.02	.01	.02	.01	.02	.01		.01	.01	.01	.01							.18
BOWMAN COURT HOUSE //									.01	.01															.02
HREIEN						.01	.01			.01	.01	.01	.01	.01	.01		.01		.01	.01	.02	.02	.02	.01	.18
CANDO									.01			.01			.01								.01		.04
CARSON	.01	.01	.01					.01	.01	.03	.04	.01													.13
CROSBY												.01	.01	.02	.04	.02						.01	.01	.01	.13
DAWSON	*	*	*	*	*	*	*	*	*	*	*	*	*	.27											.27
OEVILS LAKE WB CITY								.01	.01	.01	.01	.01	.02	.03	.02	.01	.01	.01							.15
DICKINSON CAA	.01	.01		.01	.01	.03	.04	.03	.05	.01								.01						.01	.25
ESMOND					.01		.01	.01	.01	.02	.01	.01	.02				.01			.01		.01			.13
FARGO WB AIRPORT //												.01	.02	.01	.01	.01				.01					.07
FORT YATES	.02	.02		.01		.01	.01		.01	.01	.03	.05	.01												.18
FRYBURG				.01	.01	.01		.01	.01																.05
GLEN ULLIN	.01			.01	.01	.02	.01	.01	.02	.03	.02		.01												.15
GRAND FORKS CAA //				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.03					.03
GRASSY BUTTE	.01	.01	.03	.02	.03	.03	.02	.01	.05	.04	.03	.03	.01	.01											.33
HALLIDAY		.01		.01		.01	.01	.03	.04	.03	.03	.01	.01	.01											.20
HAZELTON R R STATION //	.01		.01		.01	.02	.02	.02	.02	.02	.04	.05	.04	.02											.28
HURDSFIELD		.02	.01	.02	.03	.02	.03	.02	.03	.01					.01										.20
JAMESTOWN CAA //	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.18	.18
KENMARE	*	*	*	*	*	*	*	*	*	*	.25														.25
MANDAN EXP STATION						.03	.02	.02	.01	.01	.03	.02	.01												.15
MARMARTH M D U CO									.01	.01	.02														.04
MC GREGOR RR STATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MINOT CAA //		.01	.02	.02	.02	.01	.02		.02	.01	.02	.08	.01	.02	.02	.01	.02							.02	.33
MOTT	*	*	*	*	*	*	*	*	*	*	*	.23													.23
NAPOLEON 1 SE		*	*	*	*	*	*	*	*	*	*	*	*	*	.05										.05
OAKES								.05		.01	.01	.02	.02	.01	.03	.01		.01		.01	.01	.01			.20
RAUB //				.01	.01		.01																		.03
RICHARDTON ABBEY	.02	.01	.01		.01	.02	.04	.06	.07	.05	.01	.01	.01	.01											.33
RIVERDALE			.03				.01	.02	.01	.01	.01	.01	.01	.01	.01										.13
ROLETTE								.01	.01	.02	.01	.01	.01	.01	.01			.01							.10
RYDER						.03	.02	.03	.02	.02	.01			.01											.14
SARLES 3 E //	.01	.03			.01	.01			.01																.07
STANLEY	.01	.03	.01	.03	.01	.01	.02	.02	.02	.02	.02	.01	.01												.22
TROTTERS 3S			.01		.01	.01	.02	.03	.01	.02	.01	.01													.13
WAHPETON POWER PLANT											.02	.02				.02	.02	.01							.09
WASHBURN WATER WKS	.01	.01	.01		.02	.02	.01	.02	.03	.03	.02	.03	.02	.03											.26
WILLISTON WB CITY		.01	.02	.02	.03	.02		.03	.02	.03	.02	.02										.01	.01		.24
											-27th-														
HALFOUR		.01										.01			.01										.03
BELCOURT INDIAN RES	*	*	*	*	.08																				.08

See reference notes following Station Index.

HOURLY PRECIPITATION

NORTH DAKOTA
JANUARY 1951

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DEVILS LAKE WB CITY			.01		.01	.01																			.03
ESMOND	.01		.01	.01																					.03
FARGO WB AIRPORT //			.01		.01																				.01
FRYBURG																									.02
HETTINGER			.01		.01				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MELVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									-
MINOT CAA //	.01	.01							.01	.01	.02														.06
NAPOLEON 1 SE	*	*	*	*	*	.02																			.02
ROLETTE	.01	.02																						.01	.03
STANLEY																									.01
													-28th-												
NORTHGATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										-
STANLEY	.01	.01																							.02
													-31st-												
EDGELEY EXP FARM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GLADSTONE 22N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRANO //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HANNAFORD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HETTINGER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KRAMER 5 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MC GREGOR RR STATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PETTIBONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHEYENNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WATFORD CITY 11E	.01	.01																							.02

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
JANUARY 1851

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	17	14	19	16	1	10	20	37	31	27	24	27	28	36	25	39	39	41	11	- 1	8	35	15	13	7	1	-13	-17	- 4	5	1	16.5
	MIN	8	- 3	1	- 9	-16	-12	7	10	18	12	2	11	11	15	10	16	14	10	- 6	- 9	-12	6	0	- 2	0	-15	-20	-27	-29	-13	-18	- 1.3
AMENIA	MAX	33	9	15	14	0	- 2	15	18	31	27	18	18	28	22	26	41	35	31	4	- 3	- 2	25	27	8	4	- 2	- 8	-12	-16	- 1	- 4	12.8
	MIN	- 1	-10	6	- 8	-10	-28	-17	-12	15	13	- 7	- 1	10	5	8	3	4	3	- 6	-16	-25	- 2	4	- 3	-12	-10	-14	-28	-33	-31	-17	- 7.0
AMIDON	MAX	21	24	20	21	2	13	23	31	41	31	33	36	29	34	38	41	37	47	34	8	17	31	35	22	19	13	- 4	-14	-12	4	12	22.2
	MIN	9	13	4	-10	-12	-10	3	14	15	7	9	2	10	17	10	11	17	21	2	- 4	-10	7	1	3	- 8	- 7	-24	-25	-28	-14	-19	0.2
ARVILLA STATE PARK	MAX	25	12	11	11	- 6	- 2	11	26	28	24	14	24	28	25	21	41	31	30	0	- 5	- 1	25	18	6	- 2	- 8	- 7	-17	-15	3	- 2	11.3
	MIN	7	- 7	-20	-11	-20	-21	-13	-12	19	11	-10	- 4	4	3	4	- 3	4	- 1	-10	-18	-32	-10	4	- 5	-18	-18	-20	-30	-34	-27	-20	- 9.8
ASHLEY	MAX				6	5	3	16	32	31	25	29	32	29	33	27	39	39	37	16	- 3	13	35	30	7	8	- 1	-12	-18	-11	3	0	18.0
	MIN				3	-11	-28	- 8	- 3	12	1	-10	8	9	2	8	9	12	14	- 9	-17	-18	11	- 2	- 8	-10	-12	-21	-30	-34	-21	-22	- 6.1
BALDHILL DAM	MAX			14	4	4	2	2	8	28	26	28	28	28	32	34	26	40	32	16	0	- 4	18	32	4	4	4	-10	- 8	-20	-12	8	12.8
	MIN			- 2	- 8	-14	-30	- 4	- 3	2	8	-10	- 8	- 8	- 4	0	2	8	6	- 6	-18	-18	- 4	4	-12	-16	-12	-16	-28	-38	-29	-24	- 9.7
BEACH	MAX	30	23	22	25	7	7	22	29	36	31	34	32	32	33	38	32	35	45	26	13	15	36	35	23	18	15	- 2	-17	-18	4	8	21.8
	MIN	8	9	10	-10	-24	-24	- 8	0	14	10	8	10	8	11	10	8	15	22	5	2	2	10	1	1	8	- 2	-24	-25	-29	-21	-20	- 0.5
BELCOURT INDIAN RES	MAX	11	11	5	2	1	- 3	12	32	31	28	33	19	21	28	21	37	25	28	- 2	0	3	22	7	8	- 2	-11	-14	-20	-18	- 3	- 3	8.8
	MIN	3	-17	-19	-22	-27	-31	- 9	- 5	8	1	-13	- 3	- 1	2	4	8	- 5	- 8	-14	-16	-14	2	1	- 4	-12	-18	-22	-27	-32	-24	-30	-11.1
BELFIELD	MAX	18	21	23	9	11	19	18	28	32	35		28	31	38	31	36	45	34	15	10	22	30	18	18	19	11	- 1	-15	5	15	- 6	19.9
	MIN	8	- 2	5	-11	-26	-11	4	11	15		- 5		- 3	11	10	14	11	15	2	- 3	- 7	3	- 1	- 1	- 8	-11	-24	-25	-27	- 5	-21	- 2.8
BISBEE	MAX	11	12	7	4	- 8	- 5	13	27	25	17	11	20	21	25	13	34	27	2	- 7	4		10	3			-12	-14	-18	-20	- 2	- 5	8.8
	MIN	5	- 6	-15	-14	-24	-27	-15	- 8	13	3	- 7	- 5	5	0	- 2	2	- 5	-12	-15	-28	-20	-14	- 8			-18	-22	-38	-40	-28	-31	-12.8
BISMARCK WB CITY	MAX	14	16	14	18	4	- 4	19	19	40	30	22	23	30	28	38	32	40	43	21	2	3	28	37	10	12	5	- 8	-14	-15	- 3	7	18.4
	MIN	8	7	5	- 7	-10	-26	-18	3	6	8	- 9	1	13	2	12	15	12	18	- 2	-17	-13	- 4	- 1	- 6	- 3	-12	-18	-28	-35	-27	-20	- 4.7
BISMARCK WB AIRPORT	MAX	15	14	18	11	- 2	5	18	37	28	25	11	29	24	36	28	38	43	30	4	0	18	35	8	12	3	- 2	-12	-17	- 6	4	- 8	14.4
	MIN	4	-12	- 6	- 8	-24	-30	- 8	- 4	10	- 4	-10	1	0	- 4	6	11	2	4	-12	-20	- 8	4	- 2	- 9	- 2	-15	-25	-30	-37	-23	-21	- 8.7
BOTTINEAU	MAX	23	4	6	11	- 2	- 6	12	7	26	24	15	14	21	17	21	26	34	24	7	3	- 3	9	20	5	0	2	-10	-15	-23	-12	0	8.4
	MIN	3	-12	- 6	- 8	-20	-30	-27	- 8	- 5	- 2	-10	- 4	3	- 1	0	1	3	- 4	- 7	-20	-18	- 9	- 3	- 7	-13	-15	-21	-37	-41	-40	-28	-12.5
BOWBELLS	MAX	16	9	4	6	- 6	- 5	16	23	33	25	23	24	23	28	31	35	34	38	8	2	1	30	30	2	2	0	-13	-18	-24	- 3	3	12.2
	MIN	4	- 6	- 6	-19	-30	-30	-13	1	16	5	0	0	5	12	5	5	5	4	- 6	-14	-12	0	- 4	-12	-12	-17	-24	-30	-34	-32	-25	- 8.5
BOWBELLS 5E	MAX		12	4								20	22	23		29	33	32	37	5	- 1	0	27	25	6	1	8	7	-12	-24	- 4	- 1	11.3
	MIN		-18	- 5							- 4	- 2	- 2	4		3	4	- 1	- 1	- 8	-15	-15	- 2	- 7	-12	-12	-13	-24	-32	-38	-33	-27	-11.3
BOWMAN COURT HOUSE	MAX	19	19	17	17	9	17	27	33	33	32	32	26	28	33	33	32	43	43	26	12	16	28	28	23	23	13	- 9	-18	- 1	4	4	20.7
	MIN	9	15	10	- 9	- 7	- 6	9	14	15	10	10	9	10	15	12	27	15	25	3	3	- 6	15	2	11	12	-18	-23	-22	-28	-12	-19	3.3
BUTTE	MAX	14	10	12	10	- 3	3	15	33	31	27	27	27	25	32	25	38	36	33	5	2	11	35	6	5	- 1	- 4	-12	-16	-12	6	- 5	13.4
	MIN	5	-12	-12	-14	-25	-21	- 5	2	13	10	6	5	11	11	10	10	10	5	-12	-24	-11	6	- 7	- 7	- 8	-16	-20	-28	-33	-18	-20	- 6.1
CARRINGTON	MAX	24	8	12	11	2	5	13	18	31	25	23	24	21	22	31	32	38	34	39	- 8	4	19	18	- 4	5	0	-11	-11	-21	-12	4	12.9
	MIN	4	2	-14	-14	-20	-24	-17	- 3	11	10	0	-10	6	11	5	5	14	12	- 8	-21	-14	- 3	- 7	-24	-10	-15	-18	-29	-34	-33	-21	- 8.4
CARSON 2 5 W	MAX	20	20	22	22	8	22	20	35	32	30	30	30	29	37	30	38	44	40	17	5	13	30	20	15	10	2	-12	-15	13	5	3	18.8
	MIN	8	3	0	- 9	- 8	-15	3	6	13	6	10	12	8	11	4	22	13	15	- 7	-10	-10	13	- 1	- 6	- 6	-15	-20	-30	-32	-18	-19	- 1.8
CAVALIER	MAX		20	10	3	0	0	10	26	30	29	25	20	26	26	24	41	31	28	- 1	- 4	12	21	18	5	1	- 7	- 8	-14	-14	5	3	12.2
	MIN		- 5	-10	- 8	-25	-21	- 8	0	20	15	4	- 2	8	5	0	4	2	- 4	-12	-17	-27	- 3	1	- 3	- 9	-18	-17	-31	-34	-24	-19	- 7.9
CENTER	MAX	14	14	15	15	- 2	8	16	35	29	28	17	27	28	34	26	37	38	34	6	4	6	35	15	5	6	- 2	-14	-18	- 5	5	- 3	14.8
	MIN	8	-10	-15	-13	-25	-27	- 3	- 3	15	6	-17	- 2	8	2	8	15	8	6	-10	-18	-14	4	- 3	- 8	-10	-20	-23	-33	-37	-20	-22	- 8.2
COOPERSTOWN	MAX	16	6	3	3	-12	-13	6	16	19	13	13	17	15	20	20	29	22	20	- 1	- 8	- 5	24	13	4	- 8	-12	-18	-24	-25	- 7	-10	4.4
	MIN	5	- 7	-17	-16	-29	-31	-20	-10	11	5	-10	0	5	3	1	0	3	- 7	-13	-22	-24	- 9	- 4	- 8	-18	-20	-24	-33	-38	-28	-26	-12.3
CROSBY	MAX	13	3	8	0	- 6	6	14	34	28	26	25	20	18	30	19	34	37	32	1	5	15	29	7	2	- 1	- 4	-13	-19	- 8	7	- 6	11.5
	MIN	- 2	- 7	- 7	-13	-30	-25	- 2	8	16	3	- 3	3	4	8	- 1	17	5	- 8	- 6	- 7	- 6	0	- 6	- 8	- 7	-16	-21	-34	-36	-18	-23	- 7.2
DEVILS LAKE W B CITY	MAX	9	9	8	3	-11	3	9	28	24	18	20	23	21	27	14	37	32	25	- 1	- 7	4	31	8	4	- 3	-11	-13	-21	-18	2	-10	8.5
	MIN	6	-15	-15	-15	-24	-24	- 5	- 5	11	4	- 3	2	7	7	1	12	7	- 7	-16	-18	-23	1	0	- 8	-16	-17	-25	-32	-36	-20	-25	- 9.4
DICKINSON CAA	MAX	17	19	22	3	1	21	24	37	29	30	32	25	28	36	32	35	42	29	5	5	25	33	16	17	11	- 1	-15	-18	- 1	6	- 7	17.4
	MIN	8	0	1	- 9	-19	-11	5	17	13	8	9	10	10	15	10	15	13	4	- 5	- 7	- 5	3	0	5	- 2	-19	-25	-27	-26	-14	-21	- 1.4
DICKINSON EXP STATION	MAX	25	18	18	22	6	1	21	26	37	30	31	29	27	29	37	37	36	42	20	4	7	34	35	12	18	10	- 6	-17	-17	1	7	18.7
	MIN	9	10	3	- 9	-20	-22	-11	6	11	8	4	7	5	8	9	9	9	19	0	- 5	- 8	- 4	0	0	- 1	- 8	-22	-26	-28	-23	-21	- 2.9
DRAKE	MAX	18	22	11	4	- 5	-17	4	15	40	37	24	16	26	30	30	37	40	35	11	- 1	4	22		5	3	- 1	-11	-11	-13	- 5	4	12.5
	MIN	5	7	-14	- 7	-17	-24	-22	- 3	13	7	- 1	0	5	0	- 1	2	10	10	- 8	-23	-19	- 3	- 4	-11	-11	-15	-20	-30	-37	-37	-24	- 8.8
DUNN CENTER	MAX	25	10	11	10	1	- 3	20	22	38	19	28	13	21	30	30	33	36	36	17	2	0	32	32	2	14	1	- 8	-18	-16	- 3	4	14.2
	MIN	8	5	- 4	-14	-26	-30	-16	- 2	15	9	-10	-11	- 6	5	10	9	3	12	- 2	- 5	-15	-12	- 1	-10	-11	-10	-21	-29	-31	-29	-19	- 7.7
DUNSEITH ST SANITARIUM	MAX	15	12	10	4	1	- 9	16	30	30	32	26	22	21	27	26	32	26	30	2	- 2	2	23	7	7	3	- 6	-15	-18	-22	2	1	10.8
	MIN	- 4	- 5	- 4	-12	-21	-28	-12	- 8	11	2	- 4	7	13	1	6	13	0	- 3	-10	-16	-23	- 5	- 3	- 6	-15	-18	-19	-31	-38	-24	-22	- 9.0
EDGELEY EXP FARM	MAX	27	14	13	3	4	- 3	14	15	28	32	26	26	24	25	35	36	36	36	20	- 1	- 6	29	25	5	6	0	- 8	-10	-17	-13	3	13.7
	MIN	6	-10	-10	-10	- 9	-19	- 6	- 3	-16	- 1	- 3	- 5	5	5	10	8	8	8	- 5	-18	-16	-11	- 1	- 7	-11	-13	-20	-29	-35	-29	-21	- 8.3
EDMORE 1 W	MAX	20	10	7	4	-13	-13	7	21	25	21	15	25	24	24	20	34	29	28	0	- 6	1	27	10	3	0	- 5	- 5	-19	-20	- 1	- 6	8.6
	MIN	5	- 5	-15	-17	-23	-27	-13	-10	14	4	-10	- 2	8	- 3	- 3	- 4	- 4	- 3	-11	-19	-26	- 2	0	- 9	-19	-17	-21	-35	-40	-26	-30	-11.7
ELBOWOODS	MAX	15	12	13	5	- 4	9	17	39	30	23	24	27	25	35	35	40	45	32	10	4	11	35	10	16	10	0	-12	- 9	0	6	- 5	16.1
	MIN	- 2	- 2	- 6	-17	-22	-35	-11	8	13	- 5	- 1	-13	3	- 2	6	9	3	7	- 8	-10	-14	6	0	- 5	-10	-14	-24	-28	-43	-25	-21	- 8.5
ELLENDALE	MAX	30	16	18	15	0	10	11	35	35	28	25	26	27	37	33	40	35	32	15	- 1	13	37	30	9	1	0	- 8	-14	- 5	- 6	- 2	16.8
	MIN	8	- 9	- 4	- 6	-12	-21	-12	- 8	21	11	0	0	16	3	12	10	5	11	- 4	-15	-11	10	2	- 3	- 8	- 9	-15	-25	-30	-24	-17	- 4.0
EPPING	MAX	13	9	8	1	- 3	5	21	34	28	22	22	25	21	28	23	36	38	34	7	4	11	25	30	4	1	0	-15	-22	- 7	2	- 6	12.9
	MIN	4	0	- 4	-12	-17	-23	- 5	8	8	3	2	5	0	8	- 1	14	18	5	- 5	- 8	-10	0	- 3	-10	- 6	-15	-28	-32	-36	-18	-26	- 5.9
FARGO WB AIRPORT	MAX	17	11	16	14	- 3	- 6	11	26	27	22	14	23	27	23	19	38	33	29	- 2	- 7	8	24	10	5	0	- 4	- 8	-17	-17	3	- 9	10.5
	MIN	0	- 7	7	-14	-22	-27	-13	- 8	13	2	- 9	- 1	7	9	5	12	8	- 3	-11	-17	-25	8	3	-10	-16	-11	-20	-29	-36	-27	-25	- 8.3
FESSENDEN	MAX	20	14	13	9	- 5	- 1		16	24	22	25	21	24	30	27	37	33	33	15	- 5	4	33	13	0	0	- 4	-13	-13	- 8	5	- 5	12.1
	MIN	- 4	- 6	-13	-12	-23	- 7	- 4	8	5	9	4	- 5	9	10	3	7	10	2	-12	-21	-10	1	- 4	-14	-12	-14	-21	-33	-35	-20	-24	- 7.3
FORMAN	MAX		27	14	13	2	1	15	20	29	22	23	30	27	30	30	40	39	30	10	- 2	10	36	30	4	4	- 2	- 6	-18	-13	7	- 3	15.0
	MIN		- 4	- 3	- 9	-12	-26	-15	- 8	13	- 2	- 4	5	10	5	6	10	10	10	- 5	-14	-13	4	4	- 5	-13	-10	-18	-28	-39	-29	-20	- 6.7
FORT YATES	MAX	21	17	24	24	5	13	20	48	38	32	32	32	29	41	37	41	44	40	7	7	16	38	32	12	11	4	4	-15	1	4	2	21.3
	MIN	6	7	-11	- 4	- 5	-15	- 3	4	23	2	- 8	12	15	3	11	19	14	7	- 8	-15	-11	12	2	- 7	1	-10	-18	-28	-35	-22	-15	- 2.5
FOXHOLM WILDLIFE REF	MAX	15	13	9	7	10	7	18	34	31	31	24	26	27	32	28	37	38	37	1	2	14	31	10	5	2	- 1	-11	-17	-12	3	0	14.5
	MIN	5	- 9	-12	-14	-29	-29	- 1	- 1	19	12	12	10	6	15	9	13	9	- 4	- 9	- 7	-16	7	3	- 9	- 9	-15	-21	-28	-35	-14	-22	- 5.3

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FULLERTON	MAX	33	15	15	13	- 3	3	16	34	32	27	18	23	24	34	31	38	34	31	13	- 2	11	38	30	8	4	2	- 8	-18	- 9	5	- 1	15.8
	MIN	8	-10	- 4	- 3	-11	-24	-11	- 8	20	10	- 3	2	16	2	12	8	8	13	- 4	-17	-13	10	4	- 4	- 8	-10	-18	-27	-34	-23	-18	- 4.5
GACKLE	MAX	16	15	14	12	0	0	14	30	28	23	31	18	21	33	24	37	36	27	- 2	- 2	13	33	5	4	2	- 2	-14	-18	-12	2	-12	12.0
	MIN	7	- 7	- 5	- 7	-18	-24	- 4	- 4	10	2	0	7	12	5	5	14	9	- 2	-14	-19	- 8	3	- 4	-10	- 8	-17	-23	-34	-37	-18	-24	- 8.9
GARRISON	MAX	12	11	12	2	- 5	12	13	32	25	19	11	25	22	32	25	35	35	28	4	0	15	32	6	8	1	- 8	-15	-19	-10	5	-10	11.5
	MIN	7	- 6	- 4	-11	-23	-24	- 2	1	9	- 2	-10	4	6	8	- 3	13	10	- 2	-13	-18	-13	0	- 3	- 9	- 7	-18	-25	-30	-34	-17	-24	- 7.7
GRAFTON STATE SCHOOL	MAX	25	13	9	0	- 7	- 1	10	26	30	28	20	20	26	28	20	39	32	29	2	- 5	- 2	23	21	5	2	- 5	- 5	-11	-14	5	1	11.7
	MIN	5	- 4	-13	- 7	-23	-23	-15	-10	12	8	- 6	- 4	5	0	0	- 3	0	- 3	-13	-18	-27	- 6	2	- 4	-11	-18	-18	-32	-37	-28	-21	-10.0
GRAND FORKS CAA	MAX	11	11	12	8	- 8	- 4	9	27	27	23	18	20	27	22	16	39	28	24	- 1	- 6	4	23	10	3	0	- 8	- 9	-18	-16	2	-10	9.2
	MIN	5	-10	- 8	-16	-19	-22	-10	- 7	13	4	- 5	- 2	14	3	1	8	5	- 7	-14	-19	-25	3	1	-12	-12	-18	-25	-30	-36	-25	-23	- 8.3
GRAND FORKS UNIVERSITY	MAX	17	10	12	10	- 6	- 5	10	21	28	25	17	20	24	21	21	40	28	27	- 1	- 6	- 1	23	17	3	- 1	- 8	- 7	-16	-13	2	- 8	8.8
	MIN	7	- 8	-10	-15	-15	-23	- 3	- 7	14	7	- 5	- 1	9	4	6	1	6	- 3	- 8	-18	-25	- 7	3	- 5	-12	-13	-16	-25	-34	-31	-20	- 8.0
GRAND RAPIDS 1N	MAX	14	13	15	14	4	7	14	31	30	31	19	26	29	36	32	42	36	30	18	4	8	36	28	7	8	0	- 6	-12	-18	4	0	16.1
	MIN	4	-11	-13	- 2	-16	-33	-18	-16	18	2	-14	2	14	2	8	4	8	14	- 5	-19	-15	4	4	- 8	-12	-11	-17	-28	-37	-29	-22	- 7.8
GRANVILLE	MAX	14	11	10	8	- 5	6	17	33	30	27	15	28	24	31	25	38	36	31	7	- 3	11	33	5	6	- 1	- 4	-12	-16	- 7	5	- 8	12.7
	MIN	4	-10	-15	-14	-26	-31	- 5	- 4	10		-10	- 7	6	3	3	12	1	- 6	-10	-25	-20	5	- 5	-12	-12	-16	-23	-31	-37	-20	-23	-10.8
GRENORA	MAX	21	13	20	5		1	20	35	32	31	24	25	24	30	24	30	35	37	5	7	20	32	15	10	1	1	-15	-15	-13	- 5	- 7	14.8
	MIN	5	3	6	-20	-15	-10	- 4	11	4	7	- 1	5	2	1	1	5	10	- 1	- 5	- 6	5	1	5	-10	- 6	-15	-35	-35	-33	-25	-27	- 5.7
HANKINSON R R STATION	MAX	37	18	15	16	15	2	4	17	34	37	27	20	26	36	32	25	44	39	28	12		26	23	9	8	0	1	- 3	-12	-16	-12	16.8
	MIN	12	- 9	- 9	5	- 8	-22	-20	-11	- 9	8	0	- 1	- 1	11	9	8	18	12	- 3	- 8		-18	5	- 2	-15	-14	-14	-25	-30	-31	-24	- 6.2
HANNAH		9	6	4	0	- 9	- 4	7	21	26	23	26	20	23	22	17	35	27	25	- 6	- 7	3	24	10	2	- 8	-11	-18	-20	-20	0	- 8	7.1
	MIN	- 5	- 9	-19	-14	-25	-24	-10	- 7	10	2	- 6	- 3	5	0	0	3	- 1	- 9	-15	-25	-23	0	- 2	-11	-14	-19	-29	-33	-38	-26	-27	-12.1
HANSBORO	MAX	10	6	6	0	- 4	6	15	30	29	29	20	18		23	20	35	29	26	- 5	- 2	3	24	9	2	- 5	-10	-11	-10	- 8	2	- 6	8.4
	MIN	2	-13	-15	-18	-24	-26	- 6	- 5	9	2	- 5	- 4		- 5	5	4	- 1	- 8	-15	-19	-24	- 1	- 4	-12	-17	-20	-24	-32	-41	-26	-24	-12.2
HETTINGER	MAX	25	30	29	28	23	24	31	33	42	40	37	29	41	40	34	42	50	37	30	9	21	34	21	25	21	12	-11	- 8	- 7	- 4	5	24.6
	MIN	10	14	17	5	0	5	9	12	14	15	13	10	14	16	14	18	21	13	- 4	- 6	-11	10	- 3	3	4		-21	-20	-28	-20	-16	3.6
HILLSBORO	MAX	15	10	15	14	- 1	- 4	13	17	30	28	14	19	26	24	16	34	31	30	2	- 2	2	24	19	5	0	- 4	- 4	-12	-15	6	0	11.4
	MIN	3	- 9	- 5	- 5	-12	-26	-17	-12	12	7	- 9	- 7	6	11	4	0	1	2	- 9	-19	-30	2	5	- 7	-13	-10	-17	-28	-34	-30	-19	- 8.5
JAMESTOWN CAA	MAX	14	14	13	12	- 1	- 3	15	32	27	21	17	21	23	33	22	38	35	31	1	- 1	8	33	6	5	1	- 8	-12	-17	-15	3	-11	11.5
	MIN	- 1	-11	- 4	-16	-26	-28	-10	-10	14	3	- 8	- 3	15	2	5	12	1	1	-13	-19	-19	5	0	-11	-13	-16	-20	-31	-36	-21	-22	- 9.0
JAMESTOWN STATE HOSP	MAX	22	13	13	13	- 5	- 5	15	32	29	20	14	20	24	35	29	38	33	33	5	- 5	6	34	18	6	0	- 3	-11	-18	-15	3	- 6	12.5
	MIN	2	- 3	- 7	-14	-20	-28	- 7	- 7	18	10	6	- 4	15	4	8	9	4	4	- 8	-28	-13	1	1	- 5	-10	-13	-18	-31	-34	-25	-22	- 6.9
KENMARE	MAX	16	9	7	6	5	- 3	18	23	34	24	24	27	20	27	32	34	35	37	8	2	2	29	30	3	2	- 2	-13	-17	-21	- 3	4	12.9
	MIN	5	- 5	- 6	-19	-29	-32	-15	5	17	11	0	0	7	15	9	8	11	5	- 6	-12	- 9	- 4	- 4	- 9	-10	-15	-22	-28	-29	-29	-23	- 6.9
KENSAL WILDLIFE REFUGE	MAX	23	12	12	12	- 5	- 1	14	30	29	28	21	25	24	33	28	39	34	33	0	- 3	4	34	20	4	0	- 3	- 6	-17	-18	5	- 5	13.1
	MIN	- 2	- 3	-14	-20	-20	-33	- 5	-12	14	9	-11	- 7	14	3	6	3	4	0	-10	-22	-19	1	0	-10	-14	-16	-19	-29	-33	-23	-22	- 9.5
LANGDON EXP FARM	MAX	20	7	3	- 2	- 8	- 7	7	24	22	18	15	24	23	25	20	33	27	22	- 3	- 4	0	20	10	5	- 1	- 6	- 7	-20	-21	- 2	- 6	7.7
	MIN	- 2	- 7	-16	-12	-27	-26	-13	- 7	1	1	- 6	7	9	1	- 1	0	- 1	- 8	-13	-22	-24	- 2	- 2	- 9	-15	-21	-26	-35	-38	-28	-28	-11.9
LARIMORE	MAX		9	10	8	- 5	- 5	12	26	29	23	29	22	27	28	19	40	32	27	1	- 4	- 1	22	20	5	- 2	- 9	- 8	-16	-15	3	- 2	10.8
	MIN	7	- 4	-17	- 6	-16	-22	-10	- 8	18	12	- 4	- 1	6	4	2	0	4	1	-10	-18	-27	- 3	3	- 3	-15	-16	-17	-30	-34	-27	-22	- 8.2
LEEDS	MAX	10	13	8	6	-10	- 8	5	29	29	20	20	23	21	23	23	37	30	27	- 1	- 4	6	30	8	4	1	- 9	-14	-21	-17	4	- 6	9.3
	MIN	8	- 7	-17	-11	-21	-25	-10	- 6	14	5	- 9	- 2	6	10	- 1	4	7	- 3	-11	-19	-19	2	0	-16	-19	-17	-22	-35	-39	-25	-28	- 9.9
LINTON	MAX	18	16	22	20	7	8	18	42	33	27	31	33	30	40	33	43	46	35	20	2	13	39	26	11	8	1	-10	-18	- 4	7	- 5	19.1
	MIN	3	0	-12	- 3	- 2	-23	-15	- 7	12	- 3	- 7	17	12	- 3	6	17	22	16	- 8	-14	-10	- 8	0	-10	- 9	-10	-20	-31	-43	-32	-27	- 6.5
LISBON	MAX	34	14	15	15	6	- 1	13	15	30	30	27	19	23	30	30	31	42	39	25	6	- 2	17	37	8	6	3	5	- 6	-14	-12	6	15.8
	MIN	8	-13	-12	3	-18	-33	-30	-14	3	9	- 9	- 9	- 3	4	5	2	5	8	- 7	-17	-22	- 9	3	- 3	-17	-16	-17	-32	-40	-37	-22	-10.6
MADDOCK AGR SCHOOL	MAX	19	12	8	8	- 9	- 7	12	27	28	19	21	22	20	30	25	37	31	29	- 1	- 3	4	30	12	1	0	- 6	-13	-18	-17	3	- 3	10.4
	MIN	2	- 5	-15	-16	-21	-31	-10	-10	9	5	-10	- 2	10	4	1	2	0	- 5	-10	-20	-24	1	- 2	-15	-15	-16	-21	-32	-37	-23	-24	-10.6
MANDAN EXP STATION	MAX	20	14	12	16	1	- 1	19	16	37	27	26	16	29	22	35	36	37	41	19	0	0	28	35	8	9	3	- 9	-15	-17	- 2	4	15.0
	MIN	9	7	- 8	- 6	-11	-20	-15	8	11	9	- 7	- 5	12	4	12	12	7	16	- 2	-15	-12	- 2	0	- 3	- 2	-11	-16	-28	-33	-28	-16	- 4.3
MANDAN FT LINCOLN PARK	MAX	19	16	18	17	7	6	18	38	34	29	19	30	27	38	27	41	41	38	21	12	10	36	21	11	5	0	-10	-15	- 7	5	- 1	17.8
	MIN	8	2	-12	-12	-15	-24	- 4	- 4	15	5	-15	4	10	1	8	12	6	8	- 6	-17	-10	9	- 2	- 4	- 4	-13	-22	-30	-33	-13	-19	- 5.5
MARMARTH	MAX	26	26	29	24	14	24	32	40	32	37	37	32	40		36	40	48	41	22	10	22	38	26	28	24	14	- 4	-13	5		- 1	25.1
	MIN	10	10	10	- 8	-10	-11	8	5	10	2	- 3	6	13		8	23	13	22	7	- 1	-15	21	4	15	8	- 4	-20	-20	-28		-17	2.0
MAX	MAX	15	10	9	0	2	13	14	31	25	24	25	25	22	32	29	36	32	35	9	2	17	33	5	9	0	- 3	-15	-16	- 5	14	10	14.2
	MIN	4	- 5	- 8	-14	+25	-24	- 2	4	4	- 5	- 1	4	4	5	7	5	11	- 7	-19	-14	- 9	- 4	- 7	- 8	-15	-17	-31	-39	-38	-23	-25	- 9.4
MAYVILLE	MAX	25	22	13	11	- 4	- 4	13	12	29	23	22	21	27	21	20	40	31	27	- 1	- 4	- 1	27	22	6	- 2	- 5	- 8	-15	-16	2	- 2	11.4
	MIN	5	-12	-13	-14	-14	-23	-12	- 8	8	12	- 4	- 9	5	4	6	4	8	- 2	- 8	-18	-31	- 1	5	- 6	-18	-13	-16	-28	-33	-23	-22	- 8.7
MC CLUSKY	MAX	16	10	12	12	-11	-13	10	31	28	19	24	26	26	32	24	35	33	29	0	- 1	10	32			0	- 5	-13	-11	-12	2	- 7	11.7
	MIN	5	- 3	-10	-11	-14	-22	-16	- 3	9	4	0	6	7	9	5	8	9	- 1	-10	-20	-13			- 7	-10	-15	-22	-30	-38	-20	-24	- 7.8
MC HENRY 5 N	MAX	20	12	8	5	-11	- 8	10	26	27	18	19	20	20	30	24	36	29	23	- 2	- 6	1	30	11	4	- 3	- 8	-13	-19	-21	- 1	- 7	8.8
	MIN	3	- 4	-15	-14	-20	-28	-15	-13	13	6	- 4	1	8	- 1	1	3	5	- 4	- 9	-23	-23	- 3	- 1	-11	-19	-17	-20	-34	-39	-28	-28	-10.7
MC LEOD 3 E	MAX	33	26	18	15	+ 3	- 3	16	20	29	26	18	20	19	22	28	40	37	33	15	- 2	2	35	15	8	6	- 2	- 4	-11	-13	-12	-10	13.6
	MIN	8	-12	- 8	-12	+19	-32	-16	-12	15	3	- 9	- 2	5	5	5	5	4	2	- 7	-15	-22	- 2	3	- 5	-16	- 9	-16	-30	-38	-30	-27	- 9.2
MEDORA T R N M P	MAX	23	22	25	12	8	23	32	40	33	36	34	27	35	41	34	39	48	40	20	16	27	37	22	21	18	9	- 9	-12	6	10	1	23.2
	MIN	10	6	6	-15	+29	-26	2	- 3	7	- 8	-11	+11	- 5	0	2	20	4	17	4	1	- 9	13	2	4	8	-11	-23	-24	-36	-11	-16	- 4.3
MINOT CAA	MAX	10	10	10	0	+ 4	14	16	32	25	23	20	27	25	31	25	36	37	23	1	2	13	31	5	5	1	- 8	-13	-19	-10	3	-10	11.6
	MIN	2	- 7	- 8	-11	+21	-20	3	12	15	6	- 1	- 3	8	13	9	14	14	- 6	-15	-17	-12	2	- 4	- 8	- 9	-15	-23	-28	-34	-10	-23	- 5.7
MINOT EXP FARM	MAX	13	9	8	8	+ 9	1	15	32	31	23	22	27	27	32	27	35	35	33	1	3	11	30	7	4	4	- 2	-13	-19	-12	3	- 6	12.3
	MIN	5	-10	-11	-11	+26	-24	- 1	2	13	8	2	- 6	9	13	9	13	9	- 5	-10	-20	-15	6	- 3	-10	- 9	-17	-22	-29	-35	-17	-23	- 6.9
MOHALL	MAX	12	8	7	0	+ 7	6	14	32	29	21	13	23	23	29	22	34	37	33	- 2	- 2	8	30	5	2	0	- 7	-15	-21	-10	2	- 6	10.3
	MIN	3	- 9	- 5	+20	+33	+28	- 6	- 2	18	7	- 7	- 6	3	9	4	13	5	- 7	-12	-18	-19	3	- 5	-14	-13	-15	-21	-31	-37	-19	-26	- 9.3
MOTT	MAX	20	22	25	15	8	21	28	41	34	38	33	28	32	41	33	40	49	40	20	5	13	36	27	22	15	6	-13	-15	4	10	7	22.1
	MIN	10	5	- 2	- 8	+ 5	+21	- 5	0	10	0	- 4	4	5	5	12	25	10	20	- 4	- 6	-15	12	1	- 3	6	- 8	-22	-27	-32	-22	-18	- 2.5
MUNICH 4 SW	MAX	12	7	4	1	+ 9	- 9	8	22	25	22	12	19	20	24	21	32	29	26	- 2	- 5	1	25	8	1	- 5	-11	-13	-23	-20	- 2	- 7	6.9
	MIN	3	- 8	+15	+14	+27	+31	+14	+12	11	0	- 9	0	3	- 1	- 6	0	1	- 5	-14	-19	-24	- 1	- 1	-12	-17	-20	-23	-38	-42	-29	-30	12.7
NAPOLEON 1 SE	MAX	17	13	15	14	4	0	15	30	29	22	25	32	26	32	28	36	35	33	10	- 2	11	32	20	5	2	- 2	-12	-19	-12	2		14.7
	MIN	4	- 3	+10	+12	+20	+25	+18	+15	9	6	- 3	8	11	10	4	8	8	9	-17	-22	-15	10	- 3	-11	-10	-14	-21	-31	-37	-20	-25	- 7.9

See reference notes following Station Index

DAILY TEMPERATURES

NORTH DAKOTA
JANUARY 1851

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX	22	23	26	13	9	21	30	40	32	35	35	31	32	40	32	40	50	42	20	7	10	35	28	24	19	8	-14	-15	4	8	2	22.4
	MIN	10	8	2	9	-19	-12	4	7	14	4	2	4	8	7	11	25	9	20	1	- 4	-14	10	2	3	7	-14	-23	-23	-26	-14	-18	- 0.6
NEW SALEM 1 S	MAX	20	10	15	13	11	13	19	34	27	24	17	27	27	37	32	35	39	37	8	4	13	32	17	10	5	- 2	-10	-18	- 3	3	- 5	15.8
	MIN		-18	- 6	-10	- 9	-11	-10	13	11	8	1	0	8	10	7	10	13	10	- 7	-15	-18	13	- 2	- 3	- 4	-13	-28	-30	-33	-22	-17	- 5.0
OAKES	MAX	35	15	17	15	7	- 1	13	16	30	33	30	21	27	27	31	29	40	38	25	3	- 2	21	37	7	7	1	- 5	- 8	-14	- 8	7	15.8
	MIN	8	- 9	- 7	6	-11	-27	-23	-14	- 3	- 2	- 8	- 7	4	- 3	5	7	3	8	- 4	-13	-15	- 8	4	- 2	-11	-11	-15	-28	-38	-35	-30	- 9.1
PARK RIVER	MAX	17	17	6	3	- 2	- 3	12	27	29	27	31	22	27	27	20	38	31	30	1	- 4	1	24	16	7	1	- 7	-10	-15	-17	2	- 3	11.5
	MIN	6	0	-11	- 7	-20	-18	- 6	- 3	17	11	0	- 2	8	6	4	2	7	1	-11	-16	-19	- 2	4	- 2	-11	-16	-16	-29	-35	-22	-20	- 6.5
PARSHALL	MAX	15	13	10	8	- 5	5	15	35	30	24	21	24	22	34	26	35	41	35	5	3	10	32	8	10	3	- 1	-15	-20	- 5	- 6	- 3	13.2
	MIN	6	- 5	- 5	-12	-25	-31	-12	- 4	6	2	-10	2	0	- 7	5	11	3	4	- 9	-15	-12	5	- 4	-18	-10	-20	-24	-32	-38	-18	-26	- 9.4
PEMBINA 2N	MAX	14	3	6	2	- 4	- 2	3	4	24	21	14	18	25	19	22	36	24			2	8	19	8	4	- 2	- 8	- 7	-17	-17	3	- 8	7.4
	MIN	- 5	- 8	-11	-11	-26	-25	-19	- 7	- 1	- 8	- 6	- 2	- 5	6	0	- 1	- 5	-14	-20	-30	-25	5	- 5	-10	-20	-19	-32	-35	-33	-25	-28	-13.7
PETERSBURG	MAX	19	13	6	3	- 7	- 4	9	25	26	19	24	26	25	26	23	33	32	28	7	10	7	31	31	3	0	2	11	-18	-18	1	- 6	12.5
	MIN	4	- 1	-10	-14	-18	-26	-13	- 9	13	4	- 4	4	8	3	0	4	3	1	-11	-18	-21	- 5	2	- 5	-10	-18	-19	-31	-36	-26	-28	- 8.9
PETTIBONE	MAX	20	10	15	11	- 9	-10	10	27	24	21	23	27	26	31	28	37	32	30	0	- 4	8	32	17	3	- 1	- 3	-12	-18	-15	3	- 5	11.6
	MIN	5	3	-15	-14	-18	-27	-13	- 8	10	5	10	5	10	8	4	6	5	0	- 8	-20	-15	4	0	- 7	-11	-15	-20	-30	-41	-27	-24	- 7.7
PORTAL	MAX	15	8	3	3	- 6	- 4	11	22	31	23	20	27	22	28	30	33	30	36	7	0	1	30	26	1	0	1	-11	-20	-26	- 3	2	10.9
	MIN	4	- 8	1	-15	-31	-28	-22	- 6	9	4	2	- 3	3	10	0	1	6	- 1	- 5	- 9	-11	- 2	- 4	-15	- 8	-18	-24	-30	-36	-30	-27	- 8.5
POWERS LAKE 1N	MAX	10	6	6	- 4	- 6	6	15	30	21	23	21	20	20	29	18	31	36	20	- 2	- 2	10	28	5	2	- 3	- 6	-18	-25	-10	0	-13	8.7
	MIN	- 7	- 6	- 5	-16	-27	-28	- 4	5	6	- 8	-11	3	0	7	- 3	2	6	- 2	-14	-10	-10	- 3	- 8	-14	- 8	-17	-26	-32	-36	-21	-28	-10.2
RICHARDTON ASBEY	MAX	16	15	19	15	0	13	21	37	31	32	27	28	27	37	30	36	41	38	15	4	8	35	17	13	8	3	-16	-18	- 1	5	4	17.5
	MIN	8	5	1	- 8	-11	-11	8	13	15	11	8	8	13	17	12	18	14	15	- 3	-10	-11	7	- 1	2	3	-18	-24	-27	-27	-13	-19	- 0.1
RIVERDALE	MAX	12	12	13	8	- 6	2	15	35	29	23	17	26	25	33	25	36	39	39	0	- 5	9	33	6	5	0	- 3	-14	-19	- 9	4	- 5	12.4
	MIN	7	- 7	- 7	- 8	-16	-21	-15	0	14	6	- 5	2	8	10	9	12	15	0	-12	-12	-13	4	- 2	- 7	- 5	-15	-19	-27	-35	-16	-21	- 5.7
ROLLA	MAX	10	12	5	1	0	- 2	15	32	33	29	25	18	22	27	24	37	27	27	- 5	- 3	3	20	7	6	- 5	-10	-11	-15	-18	- 8	- 5	9.7
	MIN	3	- 9	-12	-15	-21	-22	- 7	- 5	11	5	- 4	1	6	6	7	6	0	- 8	-15	-16	-20	0	- 4	-10	-15	-20	-24	-33	-38	-27	-23	- 9.8
RUGBY	MAX	14	21	9	7	- 9	- 3	12	31	29	22	17	22	23	30	25	31	32	29	3	- 3	8	33	10	2	0	- 8	-14	-14	-15	0	- 1	11.1
	MIN	5	- 3	-12	-14	-25	-28	-12	- 7	9	0	- 8	2	-10	6	- 4	4	3	0	-10	-17	-19	3	- 2	-11	-12	-22	-33	-38	-24	-26	-26	-10.7
SANISH	MAX	22	12	16	11	4	- 5	12	17	37	27	17	17	20	22	34	38	42	23	15	6	3	35	35	9	8	3	- 8	-17	-18	- 1	- 8	13.8
	MIN	8	7	- 2	-13	-17	-30	-29	- 6	- 3	- 4	- 6	- 7	- 2	0	3	2	14	3	- 2	- 9	-13	-12	- 1	- 8	-10	-11	-18	-28	-42	-41	-20	- 8.6
SHARON	MAX	22	15	8	10	- 8	-10	10	24	25	18	28	26	24	30	30	37	31	28	- 1	- 1	1	30	14	8	- 1	- 8	-10	-19	-23	0	- 9	10.6
	MIN	4	- 7	-11	-12	-16	-25	-15	- 8	14	6	-10	6	9	5	2	2	5	- 4	- 9	-18	-22	- 4	1	- 5	-15	-16	-18	-32	-36	-25	-22	- 8.9
STANLEY	MAX	30	11	6	- 2	- 7	- 1	15	31	23	19	12	19	21	27	18	29	37	23	0	0	13	29	3	2	- 3	- 6	-16	-22	-10	1	-12	8.4
	MIN	0	- 6	- 6	-12	-25	-22	-10	0	10	- 2	-11	0	1	4	4	14	6	- 7	-12	-15	-14	- 1	- 6	- 8	- 9	-23	-26	-32	-37	-17	-28	- 8.4
STEELE	MAX	18	13	15	13	13	- 2	15	33	29	22	16	33	25	33	28	40	35	31	6	- 3	13	34	11	10	2	- 3	-13	-18	-14	2	- 6	13.9
	MIN	5	-10	-11	-18	-18	-27	-11	- 8	10	1	1	1	10	5	5	6	4	- 4	-10	-20	-14	10	- 4	-15	-10	-15	-23	-27	-40	-27	-25	- 9.0
TOWNER	MAX	10	9	10	9	-10	7	10	26	30	20	14	26	22	25	15	34	18	9	3	9	18	26	7	9	1	- 6	- 6	-15	-11	5	8	10.7
	MIN	- 3	- 9	-11	-18	-27	-32	- 7	- 6	- 2	2	- 9	- 2	2	- 5	- 4	8	- 2	-10	-26	- 6	- 6	7	-11	-14	-14	-18	-21	-33	-43	-25	-23	-11.8
TURTLE LAKE	MAX	15	10	16	12	- 8	0	13	33	27	21	14	28	24	31	26	35	33	34	15	2	9		10	4	- 1	- 2	-14	-18	-11	3	- 2	11.8
	MIN	7	- 8	- 6	-13	-22	-28	- 5	- 3	11	0	-13	- 1	7	8	4	11	9	0	- 4	-18	-16	- 2	- 3	-13	-12	-17	-24	-32	-41	-20	-27	- 8.7
UNDERWOOD 12 W	MAX	15	10	15	13	-10	5	15	31	35	24	25	25	25	33	33						16	30	15	10	3	0	- 8	-18	- 7	4	- 4	12.8
	MIN	7	-10	-15	-13	-22	-32	- 3	- 1	13	-17	5	15	7	6	13						- 8	10	- 1	-16	- 7	-10	-20	-25	-39	-30	-18	- 8.1
UPHAM WILDLIFE REFUGE	MAX	15	7	9	8	-11	- 2	12	35	30	28	13	24	24	30	21	35	31	28	5	2	8	31	9	6	5	- 2	-12	-17	-11	7	- 7	11.7
	MIN	5	-11	- 8	-15	-31	-37	-16	-11	7	- 1	-14	- 7	4	11	- 5	2	0	- 7	-10	-23	-24	5	- 8	-14	-14	-15	-22	-32	-42	-23	-27	-12.4
VALLEY CITY	MAX	28	12	13	17	- 4	- 5	13	21	30	23	20	28	28	32	31	40	37	31	10	2	3	35	4	6	3	0	- 9	-18	-15	3	1	13.5
	MIN	7	- 5	0	- 6	-13	-31	-17	-13	17	8	- 8	1	15	9	6	5	7	9	- 6	-17	-18	0	- 4	- 3	-13	-13	-18	-32	-35	-25	-21	- 6.9
VAN HOOK	MAX	13	17	10	8	- 2	1	16	36	80	23	17	21	23	32	25	37	42	38	5	2	10	32	9	7		0	-14	-18	- 6	5	- 5	13.8
	MIN	7	- 1	- 2	-12	-20	-29	- 9	- 4	14	4	- 9	1	1	6	6	14	9	5	- 5	-12	-13	5	- 3	-11		-18	-22	-31	-37	-17	-24	- 8.9
VELVA	MAX	16	12	9	9	- 5	6	16	34	27	26	20	30	25	32	28	39	37	34	6	4	13	34	6	5	0	- 3	-11	-18	- 8	5	- 4	13.7
	MIN	6	-10	-16	-14	-24	-31	1	- 2	16	11	-11	- 9	11	10	5	13	11	- 5	- 9	-23	-15	5	- 3	- 9	- 8	-15	-19	-28	-33	-18	-20	- 7.5
WAHPETON STATE SCHOOL	MAX	34	16	19	15	0	- 6	13	20	31	24	20	25	28	26	28	42	36	32	5	- 1	2	27	30	8	4	0	- 2	-10	-15	1	- 3	14.5
	MIN	9	- 8	- 8	- 6	-15	-29	-16	- 8	14	0	- 8	5	18	9	11	8	7	4	- 3	-16	-20	- 2	5	- 3	-18	- 8	-13	-30	-35	-28	-22	- 8.6
WASHBURN	MAX	18	14	15	15	- 2	6	18	35	29	28	17	20	28	35	29	38	40	33	5	- 1	9	37	12	9	13	0	-12	-16	- 5	7	- 2	15.2
	MIN	9	- 2	- 5	- 9	-15	-23	- 2	- 2	15	8	- 6	- 2	9	8	10	15	11	3	- 9	-18	-10	8	0	- 7	- 5	-15	-21	-29	-33	-17	-18	- 4.9
WATFORD CITY	MAX	18	14	15	10	2	14	22	37	29	27	27	28	29	35	25	37	43	37	11	14	19	34	23	7	6	2	-13	-20	0	5	- 2	17.3
	MIN	7	8	6	-13	-20	-19	- 1	8	13	5	- 2	5	4	12	3	20	11	9	- 1	- 1	- 6	5	- 2	- 8	- 3	-16	-26	-29	-31	-14	-24	- 3.2
WESTHOPE	MAX	19	9	12	1	- 1	- 3	13	32	32	24	21	23	24	23	14	33	29	20	2	1	7	22	5	6	4	- 5	-12	-21	-14	5	-10	10.2
	MIN	3	-10	- 3	-18	-32	-32	- 7	- 5	11	6	-12	3	- 2	0	- 2	10	2	- 8	-18	-19	-20	5	- 5	-15	-14	-15	-23	-34	-40	-18	-27	-10.9
WILLISTON WB CITY	MAX	15	11	12	2	- 5	16	21	35	27	25	23	25	24	33	30	37	42	18	6	9	22	36	12	7	4	- 1	-12	-20	- 4	5	- 6	14.5
	MIN	9	2	- 2	- 7	-22	-16	5	7	15	2	- 7	5	7	14	5	17	16	- 1	- 2	0	0	1	- 1	- 8	- 1	-13	-25	-29	-34	- 9	-22	- 3.0
WILLOW CITY	MAX	11	6	8	6	-10	- 2	9	31	26	16	8	23	21	26	16	36	32	26	3	- 3	6	31	9	2	- 2	- 7	-12	-18	-14	5	- 7	8.1
	MIN	5	-13	-15	-15	-32	-36	-17	-15	10	- 5	-18	-10	1	11	- 3	9	- 6	-10	-15	-24	-31	5	- 4	-11	-19	-17	-24	-37	-42	-25	-29	-13.9
WILTON RR STATION	MAX	18	12	10	13	- 1	- 3	15	14	34	26	25	22	28	25	33	32	37	37	16	- 4		26	34	6	15	1	-10	-15	-16	- 5	5	14.3
	MIN	5	2	- 9	-11	-14	-18	-12	- 5	10	11	4	2	4	4	6	6	5	8	- 5	-19	-18	- 2	- 4	-10	- 9	-16	-22	-32	-33	-31	-22	- 7.3
WISHEK	MAX	30	14	16	12	4	4	17	18	34	29	23	26	31	32	33	31	39	38	21	0	- 3	25	34	10	6	3	-10	-12	-16	-10	6	15.6
	MIN	2	- 8	-11	0	-11	-30	- 7	-12	10	1	-10	-10	7	- 2	6	7	5	16	- 4	-20	-20	-10	- 2	-10	-10	-13	-20	-29	-35	-32	-24	- 8.9

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
JANUARY 1951

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Almont 7 SW	SNOWFALL	1.0	0.5			1.0									T					1.6			0.7	T		1.2	2.3	T				
	SN ON GND	4	5	5	5	6	8	6	6	6	6	8	6	6	5	5	5	5	5	6	8	8	7	7	7	8	10	10	10	10	10	10
Amenia	SNOWFALL	T			2.0									T						1.0				1.0			2.0					
	SN ON GND	6	6	6	8	7	7	7	7	6	6	6	6	6	6	6	4	4	4	5	5	5	5	8	8	8	8	8	8	8	8	8
Ashley	SNOWFALL					2.0														6.0						8.0						
	SN ON GND	5	5	4	4	5	5	5	5	5	5	5	5	5	5	5	5	4	4	10	9	9	9	9	9	9	15	15	15	15	15	15
Beach	SNOWFALL	T	0.2			1.0											T	T		T				T	0.3	0.3	1.0	1.0				T
	SN ON GND	T	T	T	T	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	1	2	3	3	3	3	3
Bismarck WB AP	SNOWFALL	0.2	0.4	0.5	0.6	0.5	T						0.3	T	0.2				T	1.4	T	T	T	1.1	T	0.4	2.8	T			T	T
	SN ON GND	9	9	8	6	7	7	6	8	5	5	5	5	5	5	5	4	4	3	4	4	4	4	5	5	5	8	8	8	8	8	8
Caraon 2 SW	SNOWFALL	0.1	0.2			2.0							T		T					5.0						T	3.0					
	SN ON GND	3	3	3	3	5	5	5	5	5	5	5	5	5	5	5	5	4	4	9	9	9	9	9	9	9	12	12	12	12	12	12
Center	SNOWFALL		T	1.0		1.0							T							1.0						T	3.0				T	
	SN ON GND	8	8	9	9	10	10	10	9	9	9	9	9	9	8	8	7	6	6	7	7	7	7	7	7	7	10	10	10	10	10	10
Crosby	SNOWFALL	.	T	5.0																	T		T			T	2.0					
	SN ON GND	5	5	9	9	9	9	9	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	9	8	8	8	8	8
Devile Lake WB City	SNOWFALL	T	0.2	3.5	0.3	0.1	T	T					T	0.1	1.0	T			T	0.2	T	T	1.4	0.2	T	T	2.1	0.3			T	
	SN ON GND	9	9	9	12	12	12	12	11	10	10	10	10	10	11	11	10	10	10	10	10	10	11	11	11	11	13	12	12	12	12	12
Dickinson CAA AP	SNOWFALL	0.1	0.3	0.1	0.6	0.4	T								T		T		T	0.7	T		T		0.1	1.5	2.3	T			T	T
	SN ON GND	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	2	2	3	3	3	3	3	3	4	7	7	7	7	7	7
Dunn Center	SNOWFALL	T	0.5	T	0.4	1.1															T			0.5		T	1.8	2.0				
	SN ON GND	4	4	4	4	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	6	8	8	8	8	8
Edgeley Exp Farm	SNOWFALL		T		0.6		0.4													0.7	T				0.4	0.7	1.0	1.8				
	SN ON GND	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ellendale	SNOWFALL	T		1.0	1.2	0.8														3.3				T			3.5	T				
	SN ON GND	10	10	11	11	12	11	11	11	10	10	10	9	9	8	8	6	6	5	8	8	8	7	7	7	7	10	10	10	10	10	10
Fargo WB AP	SNOWFALL	0.2	0.2	0.4	1.7	T			T				T	0.3	0.2	0.1				0.4	T		0.1	1.3	T	T	0.7	0.1				
	SN ON GND	6	6	6	8	8	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	8	8	8	9	9	9	9	9	9
Feesenden	SNOWFALL			0.8	3.0																		1.0				0.6			1.5		
	SN ON GND	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	13	13	13	14	14	14	14	14	14
Forman	SNOWFALL			T	1.5															3.7							2.5					
	SN ON GND	6	6	6	8	8	8	8	7	7	7	7	6	6	6	6	4	3	3	7	7	6	5	5	5	5	8	8	8	8	8	7
Fort Yates	SNOWFALL		T			1.0							T	0.5	1.0					5.0				T		1.0	3.0	T				
	SN ON GND	3	3	3	3	4	4	4	3	3	3	3	3	4	3	3	3	2	2	7	7	7	7	7	7	8	11	11	11	11	11	11
Grafton St. School	SNOWFALL	0.1		T	2.0									T	1.2								0.5	1.5			T	1.0				
	SN ON GND	4	4	4	6	6	6	6	5	5	5	5	5	5	6	6	6	6	6	6	6	5	6	7	7	7	7	7	7	7	7	7
Grand Forks CAA AP	SNOWFALL	0.4	0.3	0.4	0.6	T								0.2	1.3	0.1				0.3			1.8	1.8	T	T	0.4	T				T
	SN ON GND	3	3	3	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	5	7	7	7	7	7	7	7	6	6
Hettinger	SNOWFALL																			-										-		
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jamestown CAA AP	SNOWFALL	0.1	0.5	1.7	2.8	0.4								T	0.3	T			T	1.4	T	0.1	0.2	0.2		T	3.3	T	T			
	SN ON GND	8	8	9	12	13	13	13	10	9	9	8	8	8	8	7	5	5	5	6	6	6	5	5	5	5	8	8	8	8	8	8
Langdon Exp Farm	SNOWFALL	0.5			0.7										1.5	0.3				T				2.3		T	1.5					
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Linton	SNOWFALL			T		2.0							0.1	0.6	0.4					6.5						0.3	0.5					
	SN ON GND	7	7	7	7	9	9	9	8	8	8	8	8	9	8	8	6	5	5	12	12	12	11	11	11	11	17	17	17	17	17	17
Lisbon	SNOWFALL				-	-														-	-			-				-				
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marmarth	SNOWFALL					T	T							T						5.0					0.8	1.0	0.5					
	SN ON GND	-	T			T	T													4	4	3	-	-	1	1	2	2	2	2	2	2
Mayville	SNOWFALL		1.3	1.1	3.2										0.6	0.5			T	0.5				1.5	T		0.5	1.0				
	SN ON GND	2	3	4	7	7	7	7	6	6	6	5	5	5	5	6	5	5	5	5	5	5	5	6	6	6	6	7	7	7	7	7
Mc Clusky	SNOWFALL	0.2	0.8	3.5	1.5															1.0			0.5	0.5			4.0					
	SN ON GND	11	11	14	16	16	16	16	16	15	15	15	15	14	14	14	14	14	14	15	15	15	15	15	15	15	18	18	18	18	18	18
Mc Henry 5 N	SNOWFALL	0.2	1.6	0.2	2.0	T									T					1.0			T	1.0			0.5					
	SN ON GND	8	10	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	14	14	14	15	15	15	15	15	15
Medora T R N M P	SNOWFALL	0.3	1.0	T		1.0											T			0.3			T	T	0.7	2.0	2.5	0.5			
	SN ON GND	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	4	6	5	5	5	5	5
Minot CAA AP	SNOWFALL	0.1	T	4.0	0.6	T							T		0.1				T	T	T	T	3.2	0.1		0.3	6.0	T	T		T	
	SN ON GND	5	5	8	10	9	9	9	9	8	8	8	8	8	8	7	7	5	5	5	5	5	7	6	6	6	11	11	11	11	11	10
Mohall	SNOWFALL	T		4.0	1.0										0.1						T		0.2	T	T		2.6					
	SN ON GND	7	7	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	15	15	15	15	15	15
Mott	SNOWFALL		T	T	1.0															4.0						1.2	1.0					
	SN ON GND	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	1	1	5	5	5	5	5	5	6	7	7	7	7	7	7
Napoleon 1 SE	SNOWFALL	T	0.2	T	0.2	0.5								T	0.1					5.0		T	T	4.0		T	1.0	0.2				
	SN ON GND	5	5	5	5	6	6	6	6	6	6	6	5	5	5	5	4	4	4	9	9	9	9	13	13	13	14	14	14	14	14	14
Parshall	SNOWFALL		T	1.0	T							T		T	T				T		T	0.5	2.2	0.8		T	1.5	T				
	SN ON GND	7	7	8	8	8	8	8	7	7	7	7	7	7	7	7	6	5	5	5	5	5	7	8	8	8	9	9	9	9	9	9
Pembina 2 N	SNOWFALL				-											8						T	0.4	0.6								
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-
Petersburg	SNOWFALL		0.8	0.3	0.7	T									0.8	0.2							0.8	2.5	T		1.1					
	SN ON GND	4	5	5	6	6	6	6	6	6	5	5	5	5	6	6	6	6	6	6	6	6	7	10	10	10	11	11	11	11	11	11
Pettibone	SNOWFALL		1.5	1.0	2.5	0.3		T							T	0.4				0.5		0.2		3.0			3.0		T	T		
	SN ON GND	11	12	13	15	15	15	15	15	15	15	15	15	14	14	14	14	14	14	15	15	15	15	15	15	15	17	17	17	17	17	17
Portal	SNOWFALL			T	4.5	T									T	0.5							0.5	-		T	3.0	T			T	
	SN ON GND	7	7	7	11	11	11	11	11	11	11	11	11	11	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Richardton Abbey	SNOWFALL	0.1	0.4	0.1	0.1	1.4											T		T	0.8	T			T	T	1.5	0.4	0.1			T	
	SN ON GND	4	5	5	5	6	6	6	6	6	6	6	6	6	5	5	5	4	3	4	4	4	4	4	4	5	9	9	9	9	9	9

See reference notes following Station Index.

Table 7-Continued

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
JANUARY 1951

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Riverdale	SNOWFALL	T	0.3	1.0	0.1												T			T	T	T	0.3	0.3		0.2	1.0					
	SN ON GND	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10	11	11	11	11	11	11
Rolla	SNOWFALL	0.5		0.5	1.0										1.0					T			T	1.5			1.0	0.5				
	SN ON GND	10	10	11	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	14	14	14	15	16	18	16	16	16
Rugby	SNOWFALL	0.7	0.5	4.0	1.0	T							T	0.7									0.3	1.5		4.0	0.5	0.4				
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sharon	SNOWFALL		2.0	T	3.0										0.5					1.0			T	2.0			1.5					
	SN ON GND	5	7	7	10	10	10	10	8	8	8	7	7	7	8	7	6	6	6	7	7	7	7	9	9	9	10	10	10	10	10	10
Stanley	SNOWFALL			1.6		T																	4.0	1.5			2.0	1.0				
	SN ON GND	11	11	13	13	13	13	13	11	11	11	11	11	11	11	11	11	11	11	11	11	11	14	15	15	15	17	18	18	18	18	18
Steele	SNOWFALL	T	1.0	1.0	1.0	T								T						1.5		T		0.5			2.0					
	SN ON GND	12	13	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	17	17	17	19	19	19	19	19	19
Upham Wildlife Ref.	SNOWFALL			1.5																			1.5	T			1.8	T				
	SN ON GND	11	11	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-	-
Velva	SNOWFALL	0.3	0.5	3.5	0.5	0.2							T		0.2	T			T	0.2	T	T	0.5	0.2		T	3.0	1.0				
	SN ON GND	7	8	11	12	12	12	12	11	10	9	9	9	9	9	9	8	7	7	7	7	7	7	7	7	7	10	11	11	11	11	11
Wahpeton St. School	SNOWFALL			0.3	4.0									0.3		0.5				4.0			1.5	0.5			2.5	1.0				
	SN ON GND	8	8	8	11	10	10	9	9	9	9	8	8	8	8	8	7	7	7	11	10	10	11	12	12	12	14	15	15	15	15	15
Watford City	SNOWFALL			0.3	0.6																		1.0	1.2		4.0	3.0					
	SN ON GND	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Williston WB City	SNOWFALL	0.1	0.4	0.9	0.4	T					T	T		T	0.1				T	T	T	T	1.8	T	0.2	1.6	2.4	T		T	T	T
	SN ON GND	3	3	4	4	5	5	5	4	4	4	4	4	4	4	4	3	3	3	3	3	3	4	5	5	8	9	9	9	9	9	8

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage*	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
am 7 S	0022	Walsh	10	48 20	08 08			6P	Myron J. Rwta	3
eaader RR Station	0096	McKenzie	13	47 50	103 38	1200		8P	Arthur J. Daumse	3
mcet 7 SW	0136	Morton	4	46 43	101 49	2300	7P	7P	Hogar Rsmsland	2 3 5 7
pha 1 S	0149	GeldeeValley	7	46 37	103 49			7P	H. A. Dury	3
brose	0169	Divide	12	48 3M	103 28	2060		6P	Ronald L. Haneon	3
eeia	0196	Case	11	47 00	97 13	96D	3S	8S	Virgil L. Gebeke	2 3 5 7
idon	0209	Slope	1	46 30	103 19	2910	8A	8A	Tafield Zundel	2 3 4 5
tler	0263	Bottineau	12	46 5a	101 3D	1540			W. N. Wegeer	3 4
villa State Park	0369	Grand Forke	10	47 58	97 3D	960	8P	8P	Albert Thoren	2 3 5
bley	0382	McIntosh	8	46 02	90 22	2028	8A	8A	Soo Lise Agent	2 3 4 5 7
ldhill Dam	0450	Oareee	11	47 02	88 D5	1300	6A	8A	F. A. Johneon	2 3 5
lfour	0492	McHenry	12	47 57	100 32	1815		M1D	Raymond S. Weiler	3 4
ita."	0500	Pierce	11	48 10	100 02			8P	Nick Schaae	3
etry	0518	McHenry	12	48 30	100 38			6P	Temple K. Roberte	3
ach	0590	GoldenValley	7	48 55	104 01	2814	6A	6A	Luther F. Hodgin	2 3 4 5 7
lcourt Indian Ree.	0628	Rolette	8	48 5D	99 45	1980	7P	7P	Turtle Mt. Ied. Ag.	2 3 4 5
lfield	0639	Stark	4	46 52	103 11	2592	7P	7P	Cerl Indergaard	2 3 5
rtbold	0729	Ward	12	48 19	101 44	206D		8P	Joseph S. Coa	3
ulab	0768	Mercer	6	47 16	101 47	1780		7P	Knife Riv. Coal Co.	3 4
sbee	0796	Toener	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5
emarck WB City	0814	Burleigh	8	46 48	1D0 4J	1670	9A	8A	U.S.Weather Bureau	2 3 5
emarck WB Airport	0810	Burleigh	8	46 48	100 45	1650	M1D	M1D	U.S.Weather Bureau	2 3 4 5 7
ttineau	0841	Bottineau	12	48 50	100 27	1638	8A	8A	N.D. Schl of Fretry	2 3 5
wbelle	0961	Burke	12	48 48	102 15	1953	8A	8A	Felia L. Adams	2 3 5 7
wman Court House	0995	Bowman	3	46 11	103 23	2872	5P	5P	O. O. Nook	2 3 4 5
eiee	1052	Morton	1	46 24	100 57	1720		M1D	Frack E. Potter	3 4
tte	1225	McLean	12	47 50	100 40	1880	5P	5P	Art F. Peterson	2 3 5
ndo	1288	Towner	2	48 29	99 12				Barry E. Barris	3 4
rriegtoe	1360	Foster	5	47 27	89 08	1579	7A	7A	Soo Liee Agent	2 3 5
rsoe	1365	Grant	4	46 25	101 34	2300		M1D	Viecent Muggli	3 4
rmon 2 SW	1370	Grant	4	46 23	101 35	2500	7P	7P	J. W. Evens	2 3 5 7
valier	1435	Pembina	9	48 48	87 38	894	5P	5P	T. M. Thoretelnsoe	2 3 5
nter	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
lgate	1686	Steele	10	47 14	07 39	1180		6P	John P. Burchill	3
lumbue	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
peretown	1766	Griggs	11	47 26	98 07	1428	5P	5P	R. J. Lockeer	2 3 5
urtenay	1816	Stutsmae	5	47 13	98 34	1533		5P	G. H. Hanseslt	3
osby	1871	Divide	12	48 54	103 18	1954	7A	7A	Vernon V. Nichols	2 3 4 5 7
wson	2018	Kidder	8	46 52	99 45	1730		M1D	Ralph W. Wise	3 4
ville Lake WB City	2158	Ramsey	2	48 07	98 52	1471	M1D	M1D	U.S.Weather Bureau	2 3 4 5 7
ckiesoe CAA AP	2183	Stark	4	46 48	102 48	2587	M1D	M1D	U.S.Civil Aero Adm	2 3 4 5 7
ckieson Exp. Statioe	2188	Stark	4	46 53	102 48	2460	7A	7A	Leroy Moonae	2 3 5 6
eeyhrook	2242	Ward	12	48 31	101 53	1760		6P	William Bowsae	3
ake	2298	McHenry	12	47 55	100 22	1634	8P	8P	Paul Kuetz	2 3 5
nn Ceeter	2365	Duen	6	47 21	102 37	2191	6A	6A	Charles C. Neustel	2 3 5 7
nseith St. Saeitarium	2385	Rolette	12	48 50	100 03	2001	5P	5P	N. D. State Hospital	2 3 5
kman	2473	Sottineau	12	48 39	101 03	1500	7A	7A	E. R. Shermae	2 3 5
ley Exp. Farm	2482	La Moure	5	46 22	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 4 5 6 7
more 1 W	2525	Ramsey	2	48 25	98 28	1524	8P	8P	Mike Davis	2 3 5
bowoods	2570	McLean	8	47 35	100 09	2082	6P	6P	H. W. Case	2 3 5
gin 5 S	2582	Grant	1	46 21	101 49			6P	Art A. Eslinger	3
lendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Gress	2 3 5 7
pping	2735	Williams	8	48 18	103 21	2224	6P	6P	T. Beachler	2 3 5
mond	2767	Benson	11	48 02	99 46	1850		M1D	Lyle O. Fering	3 4
irfield 6 N	2809	Billinge	7	47 19	103 12	2650		6P	Mrs. Edith Larson	3
rgo WB Airport	2859	Cass	10	46 54	96 48	895	M1D	M1D	O S Weather Bureau	2 3 4 5 7
sseedee	2949	Wells	5	47 39	99 37	1610	6P	6P	John W. Zuber	2 3 5 7
asher	3009	Mortoe	1	46 27	101 14	1930		8A	George M. Sieclair	3
axton	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dueham	3
rmae	3117	Bargent	10	46 06	97 38	1249	6P	6P	Art Waterman	2 3 5 7
rt Yatee	3207	Sioux	8	46 06	100 36	1640	8S	8S	Stanley R Iedian Agy	2 3 4 5 7
oxholm Wildlife Refuge	3217	Ward	12	48 27	101 33	1609	5P	5P	U S Wildlife Refuge	2 3 5
ryburg	3277	Billiegs	4	46 53	103 18	2790		7A	Herman J. May	3 4
rtoe	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5
ckle	3309	Logae	5	46 38	99 08	1951	6P	6P	Alvil Hummel	2 3 5
rrisoe	3376	McLeae	8	47 3J	101 25	1911	M1D	M1D	Albert J. Beirele	2 3 4 5
ddstoee 22 N	3446	Duee	4	47 11	102 39				Richard Bailey	3 4
en Dllie	3496	Mortoe	4	46 49	101 49	2090		M1D	Frederick J. Aeborn	3 4
olva 1 88	3556	GeldeeValley	7	46 47	103 57	2780		M1D	U.S.Civil Aero Adm	3 4
rafton State School	3594	Walsh	10	48 25	97 26	827	5P	5P	Dr. J. C. Lamoet	2 3 5 7
rand Forks CAA AP	3616	Graed Forks	10	47 56	97 05	834	M1D	M1D	U S Civil Aero Adm	2 3 4 5 7
rand Forks Onlversity	3621	Graed Forks	10	47 55	97 05	630	M1D	7P	Uniiversity of N. D.	2 3 5
rano	3676	Reeville	12	48 37	101 35	1625		M1D	Oswald H. Bjornlie	3 4
eeville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Kohle	2 3 5
raesy Butte	3696	McKeezie	7	47 24	103 14	2660			Sam Charcheeko	3 4
renora	3736	Williams	8	48 37	103 56	2114	5P	5P	L. D. Nielsoe	2 3 5
airy	3836	Sowmae	3	48 58	103 08				J. S. Crawford	3 4
llliday	3646	Dunn	6	47 21	102 20	2073		6P	Johe Kisse	3 4
nkieeoe RR Statioe	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Liee Agent	2 3 5
aneaford	3926	Griggs	11	47 18	98 12	1423		M1D	Helen Beeson	3 4
aenah	3936	Cavalier	9	48 59	96 41	1570	6P	6P	U S Customs Office	2 3 5
aesboro	3963	Towner	9	48 57	99 23	1597	7P	7P	W. S. Disher	2 3 5
arvey Water Worke	4013	Wells	11	47 45	99 53	1596		6P	B. J. Reynolds	3
ayees 6 NE	4073	Adams	1	46 01	102 24	2640		M1D	Syroe B. Bobh	3 4
azelton RR Station	4083	Emmoee	8	46 29	100 17	1978		M1D	Ephraie Zacher	3 4
ettinger	4178	Adams	3	46 00	102 38	2680	6A	6A	Gerhard Christiaeson	2 3 4 5 7
illeboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
urdsfield	4343	Wells	5	47 27	99 55	1915		M1D	Mrs. Ruth Sucheita	3 4
ametown CAA AP	4413	Stutsman	5	46 55	98 41	1497	M1D	M1D	U S Civil Aero Adm	2 3 4 5 7
ametown State Bospltal	4418	Stutsman	5	46 53	98 40	1457	7P	7P	N.D. State Hospital	2 3 5
enmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo S. Eckberg	2 3 4 5
ensal Wildlife Refuge	4656	Stutsmae	5	47 15	98 52	1440	7P	7P	D S Wildlife Refuge	2 3 5
ilder 8 NW	4726	Duen	7	47 26	102 53	2240		7A	Leoeard J. Davis	3
rasmer 5 SE	4823	Bottieeau	12	48 39	100 37			M1D	Paul A. Kretschmar	3 4
e Moure	4937	La Moure	5	46 21	98 18	1332	7P	7P	CLOSED - - - - -	10-24-50
aegdon Exp. Farm	4958	Cavalier	9	48 43	98 21	1615	5P	5P	V. Sturlaugson	2 3 5 7
aeeford	5002	Bottineau	12	48 38	101 22	1600		6P	C. L. McKeen	3
arimore	5013	Grand Forks	10	47 54	97 38	1134	5P	5P	Bennie Engen	2 3 5
eede	5073	Seeson	2	48 17	99 26	1515	7P	7P	Johe Fager	2 3 5
efor 10 S	5088	Stark	4	46 3J	102 21	2580		5P	Joseph Link	3
ietoe	5210	Emmoes	8	46 16	100 14	1711	8P	8P	William Beyerman	2 3 5 7
iaboe	5220	Ransom	11	46 26	97 41	1091	7A	7A	Robert W. Jodnaan	2 3 5 7
addock Agri. School	5434	Benson	11	47 58	98 30	1604	6P	6P	Beeson Cy Agr Schi	2 3 5
andae Exp. Station	5479	Mortoe	4	48 48	100 54	1750	8A	8A	No G.P. Field Sta.	2 3 4 5 6
andan Ft. Lincole Park	5484	Mortoe	8	46 47	100 52	1700	6P	6P	Park Supt.	2 3 5
aneieg	5519	Duee	6	47 14	102 46			6P	CLOSED - - - - -	4/1/50
armarth	5573	Slope	7	46 18	1D3 55	2714	6P	6P	S. P. Graee	2 3 5 7
armarth M D U Co.	5575	Slope	7	46 18	103 55	2710			E. S. Jesteee	3 4
artie	5810	Oeeridae	11	47 50	100 07	1610		6P	Johe W. Mageuson	3
ax	5638	McLean	8	47 49	101 17	2093	7A	6P	Soo Liee Agent	2 3 5
ayville	5660	Traill	10	47 30	87 19	975	8P	6P	S. A. Bagaz	2 3 5 7
cClusky	5710	Sheridan	8	47 29	100 29	1943	8P	6P	Elmer L. Schielke	2 3 5 7
cGregor RR Station	5720	Williams	8	48 36	102 56			M1D	Hartvin Sermaeson	3 4
cHenry 5 N	5730	Eddy	11	47 38	98 35	1509	8P	8P	C. E. Slasky	2 3 5 7
cLeod 3 E	5754	Richland	11	46 24	87 14	1075	7P	7P	J. G. Carlson	2 3 5
cVille	5764	Nelson	10	47 46	98 11	1467		6P	S. S. Kniefel	3
edilea 1 W	5798	Stutsman	8	46 53	99 18			6P	Rudolph Gref	3
edora TRNMP	5813	Billiegs	7	46 58	103 30	2250	5P	5P	D S Forest Service	2 3 5 7
elville	5833	Foster	5	47 20	99 02	1623		M1D	Edgar S. Stegmeier	3 4
inot CAA AP	5938	Ward	12	48 15	101 17	1724	M1D	M1D	U S Civil Aero Adm	2 3 4 5 7
inot Exp. Farm	5993	Ward	12	48 10	101 18	1720	6P	6P	N C Agri Exp Sta	2 3 5
offit RR Statioe	6015	Burleigh	8	48 41	100 18	1760		9A	Soo Line Agent	3
ohall	6025	Reeville	12	48 46	101 31	1839	9P	9P	Iver Johnson	2 3 5 7
ontpelier	6105	Stutsmae	5	46 42	98 35			8A	Rolf Sanson	3
ott	6155	Hettinger	1	46 23	102 20	2420	8S	8S	Forrest E. Coffieg	2 3 4 5 7

Station	Index No.	County	Drainage*	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
Munich 4 SW	6195	Cwalier	2	48 3J	08 53	*598	7P	7P	Harold Beldner	2 3 5
Napoleon 1 SE	6255	Logae	8	46 29	99 45	1955	7P	7P	Gladys J. Peteraon	2 3 4 5 7
New Engiaed	6315	Dettinger	1	46 33	102 52	2821	5P	5P	Adna S. Hatch	2 3 5
New Rockford	6350	Eddy	5	47 41	99 06	1555		8S	CLOSED	10-23-50
New Rockford 7 WNW	6355	Eddy	5	47 33	99 16	1550		6P	Richard Steinbach	3
New Salem 1 S	8365	Morton	4	46 50	101 25	2163	6P	8P	William F. Gawbe	2 3 5
Noonan	6435	Divide	12	48 53	103 01	1960		6P	George Ko.tek	3
Northgate	6535	Burke	12	49 00	102 16	1850			U S Customs Station	3 4
Oakes	6670	Dickey	5	46 08	98 D5	1320	8A	8A	C. M. Hagen	2 3 4 5
Park River	8357	Walsh	10	48 23	97 45	998	6P	5P	Martie Severaon	2 3 5
Parshall	6867	Moustrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 7
Peabiea 2 N	6947	Peabiea	10	49 00	97 14	790	7A	7A	U.S.Customs & Immig.	2 3 4 5 7
Petersburg	7027	Nelsoe	10	48 01	93 00	1524	5P	5P	Rev. Odean Monaoe	2 3 7
Pettibone	7047	Kidder	8	47 07	99 31	1560	7P	7P	L. H. Dethloff	2 3 7
Portwl	7201	Burke	12	49 00	102 33	1054	8A	9A	U S Customs Ser.	2 3 7
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5 7
Pretty Rock	7311	Grant	1	46 11	101 51			8P	Freda Leer	3
Raub	7405	McLeae	8	47 44	102 04			M1D	Alvin Larson	3 4
Reeder	7450	Adams	3	46 06	102 57	2810		6P	Henry A. Donner	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2860		6A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2467	5P	5P	Assumption Abbey	2 3 4 7
Riverdale	7585	McLean	8	47 30	101 21	1910	5P	5P	Corps of Engineers	2 3 4 6 7
Rolette	7655	Rolette	12	48 40	99 50	1825	M1D	M10	George F. Gehres	3 4
Rolla	7664	Rolette	9	48 52	89 37	1860	7P	7P	Theo B. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Borenstein	2 3 5 7
Ryder	7749	Ward	8	47 55	101 40	2103		9A	S. C. Schellenbaum	3 4
Saeish	7834	Mountrail	8	47 59	102 32	2135	7A	7A	H. J. Bunge	2 3 5
Sarles	7944	Cavalier	9	48 57	99 00	1585		M10	Clarence J. Olson	3 4
Selfridge 11 W	7952	Sioux	8	46 01	101 10	2133		7P	L. E. Wilmoe	3
Sharoe	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood	8047	Reeville	12	49 00	101 33	1647		6P	U S Custom Service	3
Sheyeeee	8057	Eddy	11	47 50	99 07	1500		M1D	Pehr A. Petersoe	3 4
Shield	8065	Graet		46 14	101 07			6P	Edwin O. Carlsoe	3
Staeley	8276	Mountrail	8	48 19	102 54	2260	7P	7P	Leroy Edwards	2 3 4 7
Steele	8366	Kidder	8	46 51	99 55	1857	8P	8P	Leon V. Lesher	2 3 7
Tagus	8627	Mountrail	12	48 20	101 56	2178		6P	George N. Pilyard	3
Tioga	8737	Williams	8	48 24	102 56	2279		6P	L. A. Simon	3
Tolley 4 NE	8764	Reeville	12	48 46	101 47			6P	Carmie Nelson	3
Toener	8792	McHeery	12	48 21	100 24	1482	7P	7P	August D. Rieder	2 3 5
Trotters	8807	GoldeeValley	13	47 20	103 54	2420		5P	Walter Grunewald	3
Trotters 3 S	8812	GoldeeValley	13	47 17	103 54	2420		M10	John O. Nellermoe	3 4
Turtle Lake	8840	McLean	8	47 31	100 53	1.99	9A	5P	Art Kluegtvedt	2 3 5
Tuttle 8 SW	8850	Kidder	8	47 02	100 04	1936		6P	Adas Leno	3
Underwood 12 W	8877	McLean	8	47 26	101 24	1750	6P	6P	Mrs. F. W. Mattson	3 5
Uphas Wildlife Refuge	8913	McHenry	12	48 37	100 44	1425	5P	5P	U S Wildlife Refuge	2 3 5 7
Valley City	8937	Barees	11	46 55	98 00	1229	6P	6P	Miss L.C.Robertsoe	3 5
Van Hook	8970	Mountrail	8	47 57	102 21	1864	9P	9P	Erwin A. Ventsch	2 3 5
Velve	8990	McHeery	12	48 03	100 55	1511	6P	6P	Oscar Aederson	2 3 5 7
Verona	9035	La Moure	5	46 22	98 04			10A	Louis J. Frandson	3
Wahpetoe Power Piant	9095	Richland	10	46 17	96 36	963		M1D	Victor Burton	3 4
Wahpetoe State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	3 7
Walhalla	9155	Pembina	9	48 56	97 54	950		7P	Joseph A. Menier	3
Washburn	9195	McLean	8	47 17	101 02	1731	6P	6P	Fred F. Jefferis	3
Washburn Water Works	9205	McLean	8	47 17	101 02	1730			Washburn Water Wks	3 4
Watauga 9 N, S. Dak.	9219	Grant	1	46 02	101 34			6P	Johe C. Spicer	3
Watford City	9233	McKeezie	8	47 48	103 17	2034	8P	8P	J. C. Zeller	2 3 5 7
Westhope	9333	Bottieeau	12	48 55	101 01	1503	6P	6P	Rev. R. Carey	3
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
Williston WB City	9425	Williams	8	48 09	103 35	1.77	M1D	M10	U S Weather Bureau	2 3 4 7
Willow City	9445	Bottieeau	12	48 36	100 17	1471	7P	8P	O. N. Sanderson	2 3
Wilton RR Statioe	9455	McLean	8	47 09	100 48	2159	8A	8A	Soo Line Agent	2 3
Wishek	9515	Mcletosh	8	46 16	99 34	2010	8A	8A	M. M. Larson	2 3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

NEW STATIONS

Bowbells 5 E	0666	Ward	12	48 47	102 08	1925	8A	8A	Developmeet Farm	2 3 5 6 7
Glen Ullin 13 N	3501	Mercer	6	47 04	101 47			6P	Adam H. eier	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03			6P	Robert E. Backfich	3
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14			7P	Odsel G. Crist	3
Keene	4571	McKenzie	8	48 00	102 5			6P	Donald H. Lund	3
Watford City 11 E	9233	McKeezie	8	47 47	103 02			M1D	Ida Petersoe	3 4
Graed Rapids 1 N	3665	La Moure	5	46 29	98 21	1360	6P	6P	Albert J. Ness	2 3 5

* Drainage Code: 1. Caenonball 2. Devils Lake 3. Grand 4. Beart 5. James 6. Keife 7. Little Missouri 8. Missouri 9. Pembiea 10. Red 11. Sheyeeee 12. Souris 13. Yellowstone

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 CST.

-	No record in Tables 3, 4, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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CLIMATOLOGICAL DATA

NORTH DAKOTA

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FEBRUARY 1951
Volume LX No. 2



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KANSAS CITY: 1951

NORTH DAKOTA - FEBRUARY, 1951

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

February was a pleasant month. Temperatures were moderately warm to very warm in the southwest where most of the snow disappeared. Precipitation averaged below normal most of the month, but heavy snow on the 28th brought the state average above normal. There were no severe storms during the month to hamper highway travel. An unusually large number of occurrences of fog were reported during the last 10 days.

The mean temperature for the state was 11.4 degrees, which is 0.9 degree above normal. The eastern division averaged 11.2 degrees, 2.2 degrees above normal. The middle division averaged 10.1 degrees, only 0.1 degree above normal, and the western division averaged 13.0 degrees, 0.4 degrees above normal. The highest temperature during the month was 65 degrees at Hettinger on the 19th. The lowest temperature was 37 degrees below at Willow City on the 13th. This makes an absolute range of 102 degrees for the state. The highest mean temperature was also at Hettinger with 23.3 degrees. This is 6.8 degrees above normal. The lowest mean temperature was 3.4 degrees at Bottineau. This is 1.5 degrees below normal.

Precipitation during the month averaged above normal with the greatest departures in the middle and western divisions. For the state as a whole the average was 0.80 inch, 0.33 inch above normal. The eastern division averaged 0.56 inch, only 0.01 inch above normal. The middle division averaged 0.92 inch, 0.48 inch above normal, and the western division averaged 0.91 inch, also 0.48 inch above normal. Most of the precipitation was in the form of snow although there were a few reports of rain and drizzle about the 25th. The greatest monthly precipitation was 1.91 inches at Garrison and the least monthly was a trace at Baldhill Dam. Snowfall ranged from a maximum of 25.2 inches at Elbowoods to a trace at Baldhill Dam. The average snowfall for the state was 10.1 inches, which is nearly two times the long term average. The storm on the 28th blanketed the southwest half of the state with heavy snow ranging up to over 15 inches at many points. Up to the time of this storm precipitation was generally below normal. This storm compares in intensity with the one of March 25 to 27th last year. Easterly winds accompanying this storm were not quite so severe as a year ago and as a consequence drifts were not so large. Snowfall was equally as great in many areas and highway traffic was pretty well tied up, as it was a year ago. Moderate temperatures prevailed throughout the storm and little hardship resulted. Below-normal precipitation occurred at a few stations in the middle and eastern divisions.

The first half of the month was generally cold. Blowing and drifting snow on several days during this time had made secondary roads heavy or blocked. Temperatures more than 30 degrees below zero occurred on several days at many stations. The rest of the month turned mild with considerable thawing. In some parts of the southwest the grass started to green during the long period of mild weather, with only a few snow drifts remaining in that part of the state. It was a good month for livestock and they were in good condition at the close of the month. Feed stocks were ample--CJS

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages --mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total			
Bismarck WB Airport	E	21	8.8	42	E	28	85	84	80	84	9	8	0	1	0	0	18	56	8.8	See Table 2
Devils Lake WB City	-	-	8.6	23	NE	28	-	-	-	-	16	4	3	0	0	0	23	41	7.3	
Fargo WB Airport	SSE	25	14.2	34	NW	6	83	84	78	82	14	5	0	1	0	0	20	40	7.2	
Williston WB City	-	-	5.9	19	NE	28	78	78	70	75	14	4	3	0	0	0	21	54	7.1	

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1892	10.0	62	-45	0.58	4.9	4
1893	- 0.3	52	-41	0.58	5.7	4
1894	8.0	55	-54	0.22	2.3	2
1895	5.9	65	-40	0.36	3.6	4
1896	14.3	64	-50	0.41	4.3	3
1897	6.1	52	-29	1.16	11.5	7
1898	13.3	65	-40	0.46	4.5	3
1899	0.4	60	-34	0.20	1.9	3
1900	1.3	46	-48	0.47	4.5	4
1901	7.1	60	-48	0.31	2.9	3
1902	12.1	51	-31	0.98	6.7	6
1903	3.1	46	-33	0.38	3.7	3
1904	- 2.1	52	-49	0.69	7.6	5
1905	8.2	64	-42	0.31	2.9	2
1906	9.8	57	-46	0.18	1.4	2
1907	10.7	58	-38	0.33	2.8	3
1908	13.8	62	-49	1.04	10.1	5
1909	9.6	56	-34	0.34	3.7	4
1910	3.4	56	-34	0.59	5.6	4
1911	7.3	55	-50	0.70	8.0	3
1912	11.8	48	-38	0.15	1.7	2
1913	8.5	64	-33	0.09	1.0	2
1914	1.0	57	-44	0.34	3.8	3
1915	17.4	50	-47	0.62	6.1	3
1918	6.4	55	-20	0.48	4.8	4

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1917	- 0.7	61	-39	0.66	7.1	5
1918	10.8	60	-46	0.22	2.3	3
1919	7.7	58	-41	0.62	6.5	5
1920	12.5	53	-40	0.30	3.2	3
1921	19.9	64	-36	0.39	3.8	3
1922	0.7	45	-33	1.19	12.8	5
1923	4.1	48	-39	0.64	7.2	4
1924	20.3	67	-40	0.39	4.2	3
1925	16.5	62	-27	0.29	3.6	3
1926	22.3	58	-39	0.41	3.7	4
1927	13.3	50	-19	0.36	3.1	4
1928	18.8	59	-31	0.11	1.2	2
1929	2.8	44	-19	0.29	3.3	4
1930	21.7	63	-44	1.18	11.7	6
1931	28.0	62	-30	0.28	2.9	2
1932	13.6	69	-31	0.32	4.3	3
1933	7.9	58	-45	0.28	3.3	3
1934	19.5	61	-30	0.06	0.7	1
1935	24.0	63	-25	0.20	1.9	2
1936	-12.9	43	-60	0.70	9.1	6
1937	6.8	55	-35	0.49	6.6	4
1938	7.2	60	-35	0.68	8.6	5
1939	- 0.8	51	-46	0.63	9.7	5
1940	15.0	52	-29	0.61	7.8	7
1941	12.2	57	-40	0.22	2.8	3

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1942	14.1	57	-30	0.36	4.6	5
1943	15.1	62	-32	0.50	6.4	5
1944	11.2	50	-43	0.29	4.3	4
1945	15.1	52	-29	0.36	4.6	4
1946	10.4	60	-40	0.66	8.1	6
1947	8.8	54	-36	0.40	3.5	5
1948	7.0	60	-37	0.99	12.7	7
1949	2.1	57	-40	0.46	6.3	6
1950	8.9	54	-41	0.33	4.4	3
1951	11.4	65	-37	0.80	10.1	5
PERIOD	9.7			0.48	5.2	

CLIMATOLOGICAL DATA

Table 2

Station	Temperature									Precipitation								
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
EASTERN DIVISION																			
Maenia	13.6	4.5	36	24+	-22	8+	1434	0	28	.98	.39	.43	28	10.6	8	5+	8	0	0
Orvilla State Park	11.4		39	24	-25	8+	1498	0	28	.36		.13	25				5	0	0
Baldhill Dam	10.5		42	19	-28	1+		0	28	T			3+	T				0	0
Barrington	11.5M	2.6	41	19+	-21	2+		0	28						15	5+	2		
Bavalier	9.7	3.6	39	24	-30	8	1546	0	28	.77	.26	.35	25				4	0	0
Cooperstown	5.7M	- 2.1			-28	1	1680	0	28	.20	- .32	.10	5+				2	0	0
Devils Lake WB AP	8.0	2.9	37	24	-25	8	1593	0	28	.44	- .06	.16	5	4.8	15	11	7	0	0
Edgeley Exp Farm	12.8M	.0	44	20	-22	1		0	28	.61	.13	.50	28	10.9			4	1	0
Edmore 1 W	7.3M	2.5	39	24	-32	13	1622	0	28	.84	..43	.29	25	7.5	26	11+	4	0	0
Ellendale	16.8	3.7	44	24+	-20	13	1346	0	28	1.16	.67	.80	28	15.2	12	28	6	1	0
Fargo WB AP //	13.4	5.3	38	24	-29	1	1444	0	27	.72	.03	.57	28	12.1	9	1+	6	1	0
Forman	15.7	3.8	47	24	-31	1	1378	0	28	.44	- .06	.42	28	4.4			2	0	0
Fullerton	15.6	3.2	42	24	-22	1+	1378	0	28	1.45	.74	1.14	28	14.5	1+	28	4	1	1
Hackle	13.0	2.5	46	25	-28	1	1452	0	28										
Grafton State School	9.0	1.7	38	25	-29	13	1572	0	28	.80	.23	.30	5	8.0	10	6+	4	0	0
Grand Forks CAA AP //	10.6	2.9	38	24+	-26	1	1520	0	28	.58	.02	.28	24	4.0	8	11+	9	0	0
Grand Forks University	11.4	3.7	38	25	-26	1	1496	0	27	.43	- .13	.28	25	2.2	11	11+	6	0	0
Grand Rapids 1 N	14.1		40	24	-31	13	1422	0	28	.48		.37	28	7.0			4	0	0
Hankinson R R	12.8M	- 1.3			-24	1		0		.04	- .50	.02	6+				2	0	0
Hannah	5.9	3.3	36	24	-31	13	1654	0	28	.61	.02	.37	25	3.4	8	5+	6	0	0
Hillsboro	12.5	2.3	37	24	-28	1	1468	0	28	.23	- .32	.06	6	3.7			7	0	0
Jamestown CAA AP //	11.6	1.7	35	18+	-25	13	1492	0	28	.92	.33	.62	28	12.6	10	8+	11	1	0
Jamestown State Hosp.	12.7M	2.8	37	24	-24	1	1463	0	28	.65	.06	.46	28	9.9			5	0	0
Lensal Wildlife	11.3		40	20	-26	13	1500	0	28	.28		.22	28	4.7			3	0	0
Langdon Exp Farm	6.5	1.7	39	24	-32	13	1636	0	28	1.04	.41	.40	25	6.6			6	0	0
Larimore	10.5	2.8	37	24	-25	13	1522	0	28										
Lisbon	12.2	.6	39	25	-27	1		0	28	.11	- .48	.09	12				2	0	0
Mayville	12.2	2.4	37	24+	-24	1+	1474	0	28	.41	- .03	.11	25	3.8	8	6+	7	0	0
Mc Henry 5 N	8.4	3.0	34	24	-28	13	1585	0	28	.26	- .19	.10	6	2.3	17	6+	5	0	0
Mc Leod 3 E	13.5M	.5	38	24+	-31	1	1445	0	28	.27	- .29	.27	28	5.0			1	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Table 2—Continued

Station	Temperature									Precipitation									
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
Munich 4 SW	5.5		37	24	-33	13	1665	0	28	.74		.29	25	5.5	13	11+	9	0	0
Oakes	12.9M	.0	45	25	-26	2		0	28	.17	- .29	.10	12	2.0	16	12	2	0	0
Park River	10.3	2.6	39	24	-22	8+	1528	0	28	.31	- .11	.16	25		8	5+	3	0	0
Pembina 2 N //	6.3	3.5	37	25	-36	12	1632	0	28	.86	- .08	.54	25	4.0			4	1	0
Petersburg	9.4		41	24	-27	13	1554	0	28	.81	.31	.20	24	8.9	13	11+	6	0	0
Sharon	10.3	.8	35	20+	-26	1	1529	0	28	.37	- .11	.14	11	3.0	12	11+	5	0	0
Valley City	14.0	2.5	40	24	-27	1	1425	0	27	.47	- .12	.34	28	5.3	13	12+	4	0	0
Wahpeton State School	15.4	3.0	39	24	-31	1	1385	0	28	.70	.23	.62	28	9.0	15	1+	4	1	0
DIVISION	11.2	2.2								.56	.01			6.6					
MIDDLE DIVISION																			
Ashley	15.6	4.2	47	25	-26	1	1381	0	28	.94	.49	.80	28	16.3	16	8+	2	1	0
Belcourt Indian Res.	5.3		34	24	-34	13	1667	0	28	.64		.29	26	2.8	14	11+	6	0	0
Bisbee	5.9	- .6	37	23	-28	7+	1663	0	28	.84	.48	.37	25	5.0	13	11+	4	0	0
Bismarck WB City	11.8	.2	40	26	-24	1+		0	28	.86	.47	.71	28	11.6	13	28	4	1	0
Bismarck WS AP	10.7	2.2	36	3	-28	1	1517	0	28	.80	.36	.57	28	10.7	14	28	9	1	0
Bottineau	3.4	- 1.5	34	25	-32	13		0	28	.55	.19	.22	25	5.9	13	12+	6	0	0
Butte	10.4M	- 2.7	35	24	-21	7	1534	0	28	.37	- .16	.30	28	3.7	8	1+	2	0	0
Carson 2 SW	16.9M	2.4	47	18	-23	1+	1370	0	28	1.41	.93	1.29	28	13.5	13	28	3	1	1
Center	10.5	- 2.0	37	20	-27	7	1523	0	28	1.18	.76	.90	28	14.5	22	28	5	1	0
Drake	8.5M	- 1.9	39	26	-27	8		0	28								3		
Dunseith St. Sanitarium	7.3	.6	33	24+	-31	13	1615	0	28	.45	.03	.20	11	3.5	9	11+	3	0	0
Fessenden	11.4M	1.7	39	25	-23	7	1494	0	28	.25	- .27	.19	28		14	1+	3	0	0
Fort Yates	19.3M	6.7	52	10	-27	1	1268	0	28	1.24	.78	1.10	28	16.0	15	28	2	1	1
Foxholm Wildlife	10.2	- 1.8	37	25	-25	12	1534	0	28	.88	.41	.28	28	12.5	14	8+	8	0	0
Garrison	10.7M	- .4	37	25			1511	0	28	1.91	1.40	1.48	28	21.5	25	28	7	1	1
Granville	9.0	- 1.0	38	25	-26	13	1567	0	28	.77	.34	.30	28	6.0	21	11+	5	0	0
Ransboro	6.2M	.1	35	24+	-29	12+	1612	0	28	.34	- .16	.26	25	3.0	11	11+	4	0	0
Leeds	8.5		37	20+	-27	7	1581	0	28	.80		.35	5	8.5			4	0	0
Linton	17.1	3.3	53	10	-33	1	1338	0	28	1.07	.65	1.00	28	15.3	18	8+	2	1	1
Maddock Agr School	8.5	- 1.7	35	16+	-26	7	1583	0	28	.84	.44	.29	25				6	0	0
Mandan Exp Station	11.1	- 1.5	41	26	-20	1+		0	28	.99	.60	.82	28	12.1			6	1	0
Mandan Ft Lincoln	13.4M		48	25	-22	1	1443	0	28	1.39		1.19	28		19	28	5	1	1
Max	7.9	- 1.7	32	24	-24	12	1597	0	28	.93	.48	.57	28	17.5	18	11+	8	1	0
McClusky	10.4	- 1.4	37	20+	-25	1	1526	0	28	1.30	.78	.84	28	12.9	21	28	8	1	0
Minot CAA AP //	10.5	.3	37	15	-22	7	1525	00	28	.94	.51	.33	28	9.6	13	11+	11	0	0
Minot Exp Farm	9.5M		32	15+	-24	7	1555	0	28	.44		.20	28	5.6	11	11+	7	0	0
Mohall	6.7	- .8	35	15+	-26	7	1627	0	28	1.03	.68	.31	28	13.1	28	28	9	0	0
Napoleon 1 SE	13.5	4.7	46	10	-26	1	1428	0	28	.42	.01	.30	28	7.5	15	8+	5	0	0
New Salem 1 S	13.8	.8	43	18+	-22	1+	1431	0	28	1.59	1.15	1.00	28	20.7	18	28	8	1	1
Pettibone	11.3	2.3	37	25	-28	1	1501	0	28	.84	.45	.63	28	9.3	18	8+	7	1	0
Riverdale	11.0		38	25	-22	1	1512	0	28	.99		.74	28	12.2	20	28	10	1	0
Rolla	5.4	- 1.4	34	24	-28	13	1666	0	28	.75	.28	.35	25	5.9	19	11+	8	0	0
Rugby	8.6		37	24	-27	7+	1577	0	28	.93	.48	.24	28	13.0			8	0	0
Stesle	10.5M	.9	42	24	-32	1	1532	0	28	.72	.34	.55	28	7.5	19	8+	2	1	0
Towner	9.6M	1.7	38	24+	-25	7+	1548	0	28	1.00	.52	.31	25	10.1			5	0	0
Turtle Lake	9.8	.2	38	25	-25	1+	1543	0	28	1.50	1.05	.70	28	19.6			9	1	0
Underwood 12 W	9.8	- 4.5	34	15	-30	13	1542	0	28	1.25	.81	.80	28	20.0			8	1	0
Upham Wildlife	7.8		36	16+	-36	13	1599	0	28	.74		.23	25	9.8	17	11	6	0	0
Velva	11.2	- .2	38	25	-21	7	1503	0	28	.60	.10	.16	28	8.5	15	10+	8	0	0
Wasbburn	12.9	2.2	40	25	-23	1	1453	0	28	1.73	1.34	1.53	28	20.0	25	28	4	1	1
Westhope	6.1	- 1.6	37	20	-30	13	1645	0	28	1.58	1.26	.43	25	23.5	23	28	7	0	0
Willow City	5.6M	.5	35	20+	-37	13	1662	0	28	.60	.06	.18	25	5.0	12	11+	4	0	0
Wilton R R Station	8.5	- 1.8	37	26	-24	1+		0	28	.73	.34	.65	28	6.0	25	28	2	1	0
Wisbek	11.9	1.7	44	11+	-27	1+		0	28	.32	- .10	.25	28				2	0	0
DIVISION	10.1	.1								.92	.48			11.3					
WESTERN DIVISION																			
Almont 7 SW	16.6		45	10	-19	7	1352	0	28	1.17		.87	28	15.7	16	28	7	1	0
Amidon	19.6	3.4	52	11	-20	1+		0	27	.57	.10	.35	28	11.5	9	28	4	0	0
Beach	18.3	2.3	53	11	-21	1		0	28	.47	.07	.35	28	6.0	5	28	3	0	0
Belfield	19.5	4.1	58	10	-24	7	1270	0	28	1.00	.55	.75	28	1.0	10	9+	3	1	0
Bowbells	6.6	- 1.1	42	16	-27	12		0	28	.97	.55	.36	28	11.4	15	28	8	0	0
Bowbells 5 E	4.4		32	16+	-28	7		0	28	.83		.27	28	11.0	12	28	6	0	0
Bowman Court Rouse //	21.1	3.7	52	10+	-19	1	1227	0	27	.61	.17	.40	28	10.7	9	28	4	0	0
Crosby	7.1	- 2.4	30	15	-27	7	1619	0	28	.92	.56	.66	28	15.0	21	28	5	1	0
Dickinson CAA AP	16.0	3.2	46	10	-21	7	1368	0	28	.97	.54	.51	27	9.6	9	28	7	1	0
Dickinson Exp Farm	15.5	2.7	53	17	-24	7		0	28	.90	.47	.75	28	9.5	9	28	4	1	0
Dunn Center	8.2	- 5.9	43	26	-26	8+		0	28	1.09	.63	.95	28	14.4	18	28	4	1	0
Elbowoods	12.0M	- .1	41	25+	-35	13	1480	0	28	1.49	.10	.90	28	2.52	30	28	5	2	0
Epping	9.7M	.3	41	15	-28	7	1551	0	28	.45	.05	.35	28				3	0	0
Grenora	8.8M	- .2	35	25			1555	0	28	.58	.13	.37	28	17.3	19	28	3	0	0
Rettinger	23.3M	6.8	65	19+	-19	13	1149	0	28										
Kenmare	7.5	- .7	37	19	-23	1		0	28	.72	.33	.25	11				7	0	0
Marmarth	19.6M	2.4	59	10	-28	1	1265	0	28	.54E	.13	.33	28	6.3	5	28	3	0	0
Medora T R N M	19.3		58	10	-30	1	1277	0	28	.81		.48	28	15.7	11	28	5	0	0
Mott	19.5	5.4	52	10	-27	1	1269	0	28	1.00	.52	.69	28	14.2	12	28	6	1	0
New England	20.5	6.0	57	10	-24	1	1241	0	28	1.21	.72	.76	28	12.7	9	28	4	1	0
Parshall	9.4	.7	36	25	-31	1	1552	0	28	.78	.39	.66	28	9.3	14	28	4	1	0
Portal	3.9	- 2.3	39	16	-30	7+		0	28	1.25	.87	.48	28	17.5	18	28	4	0	0
Powers Lake 1 N	5.7	- 6.1	37	15	-31	7	1661	0	28	.52	.07	.42	28	15.0	22	28	3	0	0
Richardton Abbey	17.7	3.0	47	10+	-20	7	1322	0	28	1.33	.92	.96	28	6.0	15	28	8	1	0
Sanisb	6.8	- 1.8	35	21	-31	1+		0	28	.98	.53	.80	28				7	1	0
Stanley	7.3M		35	24	-27	7	1608	0	28	1.25	.84	.85	28	18.0	20	5+	4	1	0
Van Rook	9.7		36	25	-26	7+	1546	0	28	1.09		.90	28	16.5	20	28	7	1	0
Watford City	13.8	.1	47	15	-23	7	1429	0	28	1.13	.70	.81	28	15.0			5	1	0
Williston WB City	10.8	2.7	39	15	-23	7	1514	0	28	.90	.49	.35	28	9.8	15	28	7	0	0
DIVISION	13.0	.4								.91	.48			12.6					
STATE	11.4	.9								.80	.33			10.1					

See reference notes following Station Index.

Table 3

DAILY PRECIPITATION

NORTH DAKOTA
FEBRUARY 1951

Station		Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AOAMS 7 S					T	.08					T	.07																				.39
ALEXANDER R R STA			T	.04	T	.01			.14			.04											T		.17	T	T	.07				.93
ALMONT 7 SW			.02			T			.11	.08		.01	.01														T	.70				1.17
ALPHA 1 S									T	.14		T	T										T		T		.08	.87				.48
AMENIA						.10	.10					.10					.08						.01	.06	.10		.12	.20				.68
AMIDON							T		.15	T		T	.05													.02	T	.35				.57
AMIDON	R		.01	.02				.05	.08	.02			.05														.28	.07				.58
ANTLER	R			.02	.14	•	.50		.02		.12	.27												•	•	•	•	•				•
ARVILLA STATE PARK						.08	.02			T		.06													.13		.07					.38
ASHLEY									.14		•	T																.80				.84
ASNLEY	R //								.18																			.84				1.10
BALDHILL DAM				T		T																		T				T				T
BALFOUR	R					.07			.03		.02	.02												.25			.03	.17				.59
BANTRY						-						.30													.14			.20				-
BEACH									.10		T	T	.02															.35				.47
BEACH	R		.01					.06	.03				.02														.32	.04				.48
BELCOURT INDIAN RE						.10	.02				.03	.13													.07	.29	T	T				.84
BELCOURT INDIAN RE	R			.02		.06					.04	.08												.11	.19							.50
BELFIELD									T	.10	T		T			T									.15		.75				1.00
BERTHOLD				T	.07	.04			.04			.18						T		T				T	.02	T		.40				.75
BEULAH			T			.02			.14		.01		.03														.15	1.37				1.72
BEULAH	R								.14			.02														•	1.52					1.68
BISBEE					T	.20	.12					.15													.37			T				.84
BISMARCK WB CITY				T	T	.02	T		.11	T		T	.02									T	T	T	T		T	.71				.86
BISMARCK WB AIRPORT	R		.03	T	.02	.01	T	T	.07	T	T	.01	.01								T	T	T	.01		T	.07	.57				.80
BOTTINEAU					T	.10	.04			T	.01	.08	.10												.22			T				.55
BOWBELLS					.04	.07	.02			.06		.21	.05												.16		T	.36				.97
BOWBELLS SE				T	T	.01	.01				.12	.25													.17			.27				.83
BOWMAN COURT HOUSE								T	.10				.01														.10	.40				.61
BOWMAN COURT HOUSE	R //		.01					.02	.14	.02		.01															.38	.08				.67
BREIEN	R							.02	.10							-	-	-	-	-	-	-	-	-	-	-	-	-				-
BUTTE				T	T	.07			T		T	T												T	T		T	.30				.37
CANDO	R					.09				.03		.10												.17	.15	-	-					-
CARRINGTON				T	T	.20	T		T	T		T													-							-
CARSON	R							.01	.03	.04		.02															.19	.67				.96
CARSON 2 S W					T					.10		.02											T			T	T	1.29				1.41
CAVALIER				T		.27	.10				.05														.35			.77				
CENTER			T	T	T	.05					.06													.07			.10	.90				1.18
COLGATE						.11				.01																		T				.12
COLUMBUS					.03	.01					.07	.15													.04			.48				.78
COOPERSTOWN				T	T	.10						T													.10							.20
COURTENAY				.08	T	.22	T					.18					T						.02			T		.15				.65
CROSBY			T	.01	T	.02				.01	T	.22													T		T	.66				.92
CROSBY	R		.02			.02				.01	.02	.18												.02	.01		.11	.52				.91
DAWSON	R								.04	.05																		.42				.51
DEVILS LAKE W B CI	R	T	T	.01	T	.16	T		T	.02	.01	.12	T	T				T		T	T	T	T	T	T	T	T	.01				.44
DICKINSON CAA			T		T	.03	T	.01	.08	T		.03	.01										T	T			.51	.30				.97
DICKINSON CAA	R					.02		.01	.09			.03	.01														.54	.21				.91
DICKINSON EXP STA				T	T	.01	T		.13	T		T	T													.01	T	.75				.90
DRAKE						T			T				.05												.27							-
DUNN CENTER				T	T	T	T		.11			.01	.02										T					.95				1.09
DUNSEITH ST SANITA				T		.10	T			T	T	.20	T												.15	T						.45
EDGELEY EXP FARM					T	.02		.04					.05															.50				.61
EDMORE 1 W				T		.21	.06				T	.28												T		.29	T					.84
ELBOWOODS			.01		T	.03			.05	T													T		-		.50	.90				1.49
ELGIN 5 S			T		T	T			.10			T												T			T	.81				.91
ELLENDALE				T		T	T		.12	.08		T	.10				T	T						T	.04	.02			.80				1.16
EPPING						.05			.05																			.35				.45
ESMOND	R					.08	.01			.03		.06													.12				.20				.50
FAIRFIELD 8 N									.25			T															.21	.28				.74
FARGO WB AIRPORT	R //		T	T	T	.03	T			.03	T	T	.04				T	T	T	T	T		T	.02	.03	T	T	.57				.72
FESSENDEN						.02						.04																.19				.25
FLASHER				T		T			.07	.01			.02															.42				.52
FLAXTON				.02	.01	.04	.05		T		T	.15													.14			.27				.68
FORMAN						.02			T																			.42				.44
FORT YATES									.14	T		T												T	T			1.10				1.24
FORT YATES	R								.15																			1.26				1.26
FOX HOLM WILDLIFE R				.08	.10	.10	T		.07	T	T	.13													.05		.13	.98				.88
FRYBURG	R		.02						.05	.02		.02	.01														.07	.28				.37
FULLERTON					.02	T	T		.17	T		T	.12											T	T	T	.20	.05				1.45
GACKLE					T	-	-		.06	.12															-			1.14				-
GARRISON			.02	T	T	.05			.05		T	.23	T						T			.01		T			.07	.95				1.91
GLEN ULLIN	R		.03	.01				.03	.11	.02	.02																.07	1.48				1.47
GOLVA 1SE	R							.01	.03		.02																.24	1.01				.26
GRAFTON STATE SCHO				T		.30	.20			T	T	.15												T	T	.15	.15	.05				.80
GRAND FORKS CAA			T	.01	.01	.07	.04			.01	T	.11					T	T	T			T	0.01	.28	T	T		.04				.58
GRAND FORKS CAA	R //			.01	.01	.07	.04			.01		.11												.01	.28				.04				.58
GRAND FORKS UNIV				T	.01	.05	.06			T	.01	.02					T	T						T	T	.28	T					.43
GRANO RAP10S 1N					T	T			.07	T		T	.02											T	.02			.37				.48
GRANO	R //					.05	.12	.01	.03		.06	.21													.15		.05					-
GRANVILLE				T	.05	.10	T			T		.09													T	.23	T	.30				.77
GRASSY BUTTE	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		.35	.15				-
GRASSY BUTTE 10N						.10			.16			.14																.87				1.27
GRENORA			T			T					.10	.11																.37				.58
HALEY	R		.02					.01	.05																		.27	.02				.37
HALLIDAY			T	T	T	T	.03			T	T	.19	.05														.13	.81				1.21
HALLIDAY	R			.02				.10	.03			.04															.26	.62				1.07
HANKINSON R R STA							.02						.02																			.04
HANNAFORD	R			.07								-	-	-	-	-	-	-	-	-	-	-	-	-	-		.20	.05				-
HANNAH				.01	T	.09	T			.04	.06	.04													.37	T	T	T				.61
HANSBORO						.04				T	.01	.03													.26		T	T				.34
HAYNES 6NE	R							.05	.12																		.49	.09				.75
HAZELTON R R STATI	R //								.10			.04																.03	.65				.82
HETTINGER	R								-																			.39	.27				-
HILLSBORO				T		.02	.06			.03	T	.03	.02				T	T	T		T	T		T	.03	T			.04				.23
HUROSFIELD	R				.07	.03			.05	.03		.02													.05			.32				.57
JAMESTOWN CAA			.02	.01	.05	.05	.02		.08	T		.03	.01				T					T	.01	.02	T	T		.62				.92
JAMESTOWN CAA	R //		.02	.01	.05	.05	.02		.06			.03	.04										.02	.03				1.11				1.44
JAMESTOWN STATE HO			T		.04	.07	T		.06	T		T	T				T					T	•	- 2				.46				.65
KEENE			T	.04	T	.02	T	T	.03	T	T	.05											T						.37				.51
KENMARE					•	.07	.07			.05		.25													.13				.15				.72
KENMARE	R		.02	.02		.06			.06		.04	.19					.02							.07			.11	.44				1.03
KENSAL WILDLIFE RE				T	T	.03			T	T		.03																.22				.28
KILLDEER 8NW				T		T	.04		.12	T			.09															1.26				1.51
LANGDON EXP FARM						.28	.05				.11	.15						T					T			.40	T	T	.05				1.04
LARIMORE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
LEEDS					T	.35	.07			T	T	.19													.19		T	T				.80
LEFOR 10E			T			T			.06			T															.02	.52				.60
LINTON						T			.07			T																1.00				1.07
LISBON								.02	T				.09											T	T			T				.11
MADOCK AGR SCHOOL				.04	.07	.13			T			.19													.29		T	.12				.84
MANDAN EXP STATION				.01	T	.02	T		.10	.01		T	.03											T	T	T	T	.82				.99
MANDAN EXP STATION	R		.02						.05			.03															.10	.39				.59
MANDAN FT LINCOLN			T		T	T	T		.12	.05		.01	T											T	.02		T	1.19				1.39
MARMARTH			T			T		T	T			T	.06											T		T	E .15	.33				.54E
MARMARTH M O U CO	R		.01					.04	.03			.03	.02														.28	.03				.44
MARTIN					T	T	T			T		T													.20			T				.20
MAX			.03	T	.03	.03		.05	T		T	.09												.02			.11	.57				.93
MAYVILLE				T	.02	.10	.06	T		T	T	.04	T				T	T	T			T		T	.02	.11			.06				.41
MC CLUSKY						.11	.03		.03	.04															.04	.18		.03	.84				1.30
MC HENRY 5 N				T		.04	.10			T		.03														.07			.02				.26
MC LEOD 3 E						T	T				T		T	T															.27				.27
MC VILLE						.17						.23															T		T				.40
MEDORA 1 W						T	T		T	T													T	T				.82				.82
MEDORA T R N M P			T			T			.18			.01	.01														.13	.48				.81
MELVILLE	R				.01	.03			.08															.05				.28				.45
MINOT CAA			.01	.01	.06	.06	T		.07	.04	.02	.14	T								T		T	.10	T		.10	.33				.94
MINOT CAA	R //					.05	.06		.06	.05	.03	.13										.03		.11	.02		.12	.42				1.08
MINOT EXP FARM			T	.02	.01	.01		T	.02	T		.11												T	.07			.20				.44
MOFFIT RR STATION						.05				.10			.10														.31	.64				1.20
MOHALL				.09	.02	.14	T		.01		.11	.14												T	.20		.01	.31				1.03
MONTPELIER				T	T	T	T		.04	.01	T		.02											.01	T		T	.01				.09
MOTT						T			.09	.02	.06	.02	T														.12	.69				1.00
MOTT	R								.06	.03		.03															.43	.16				.71
MUNICH 4 SW				T	.03	.08	.04			.02	.02	.23							.02					T	T	.29	.01	T	T				.74
NAPOLEON 1 SE					T	.02	.03		.04	.03		T	T											T	T				.30				.42
NAPOLEON 1 SE	R				•	•	.05		•	.07														.02					.26				.40
NEW ENGLAND			T			T			.22			T	.11															.12	.76				1.21
NEW ROCKFORD 7WNW				T		.12				T		.17											T		.10	T		T	.09				.48
NEW SALEM 1 S				.05	.03	.02	.04		.20			.10											T	T				.15	1.00				1.59

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station		Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOONAN					.05							.25													.15			.03	.50				.80
NORTHGATE	R		.03	.02	-	-	-	-	-	-	-	-	-	-	-	-									T				.27				-
OAKES									.07		T		.10																				.17
OAKES	R								.07	.01		.02																	.33				.43
PARK RIVER				T	T	.12					T	.03						T	T				T	T			T	T				.31
PARSHALL			.03		T	.02				T	T	.07	T										T	T	.16		T	T				.78
PEMBINA 2N					.03	T	•	.29				T	T												.54	T						.66
PEMBINA 2N	R //			•	.03	.21	.03					.07													.27	.31							.66
PETERSBURG				T		.15	T			.02		.11													.20	.17			.16				.92
PETTIBONE		T		.01	.01		.02		.10	.06		.01													T				.63				.61
PETTIBONE	R			•	•	•	.04	.03	.08	.04										.04								.02	.64				.64
PORTAL				T	T		.20		T	T		.33														.24			.46				.69
POWERS LAKE 1N				.05								.05														T			.42				1.25
PRETTY ROCK						.10	T	.05				.04											T	T	T			.05	.90				.52
RAUB	R //	.02							.03			.05										-	-	-	-	-	-	-	-				1.14
REEDER								E	.10																			.55	.35				-
REEDER 14N									.03				.02														T	T	.18				1.00
RICHARDTON ABBEY			.01		T	.02	.01		.18	T		.02	.03															•	.10	.96				.24
RICHARDTON ABBEY	R	.02				.02		.01	.18	.05		.03											T	T	T	T	T	.07	1.15				1.33
RIVERDALE			.04	.01	.01	.02	.01		.05	.03		.01	T															.08	.74				1.46
RIVERDALE	R		.04	.02	.01	.02	.01		.05	.04		.01													.22	.03			.75				.99
ROLETTE	R					.10				.04	.01	.15														.35	.04						1.04
ROLLA				T	.02	.10	.02			.01	.04	.17														.19		T	.24				.55
RUGBY				.03	.02	.13	.09		.02	T	T	.21																	.65				.75
RYDER						.02		.05	T			.05	T										T						.80				.93
SANISB				.02		.03	.01			.01		.02	.09												.17	.26							.77
SARLES	R //	-	-	-	-	-	-	-	-	-	-	-	-	-	-										.05	T			1.02				.98
SELFRIDGE					T				.30		T	T					T	T	T	T	T	T	T	T	T	.10	T		T				-
SHARON			•	.02	.04	.07				T		.14												T		.40		T	.38				.37
SHERWOOD				.04		.14	.04		T		.07	.28																	1.07				1.35
SRIELDS										.12			T															T	.85				1.19
STANLEY			T	T	.12	.08	T					.20																•	.65				1.25
STANLEY	R		.08	.01		.05					•	.20																T	.55				1.18
STEELE			T	T	T	T	T	T	.17			T	T									T			T			.02	.72				.72
TAGUS		T	T	T	.04	.02			T	T	T	.10																.02	.30				.50
TIOGA					.02	.05		.04	.01			.05														.18		T	.46				.65
TOLLEY 4NE				T	T	.19			T			.28														.31			.23				1.02
TOWNER					.07	.20						.19																•	.63				1.11
TROTTERS	R	T			T	.08		.13	T			.05																.28	.12				1.00
TROTTERS 3S								.04	.04	.02															T			.15	.70				.69
TURTLE LAKE			T	.02	.03	.15	.10		.20	.10		.05													.03			.10	.31				.50
TUTTLE 8 8W				.01	.04	.02	.01		T		T	.08	.02							.02								.05	.60				.64
UNDERWOOD 12 W				.05	.05	.10	T		.05			.10	.05										T	T	T	.23		T	.19				1.25
UPHAM WILDLIFE REF						.12	.04		T		.03	.13													.01				.34				.74
VALLEY CITY					T	.02							.10	T														.03	.90				.47
VAN BOOK			T	.07	T	.01			.02	.01	T	.05											T	OT	.01	.15	T	.03	.16				1.09
VELVA				T	.03	.05	T		.06	T		.11	T	T																			.60
VERONA		-	-	-	-	-	-	-	.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.05			.38				-
WAHPETON POWER PLA	R																												.44				.44
WAHPETON STATE SCB						.03							.04			T								.01					.70				.70
WASHBURN			T		T	.02			.15			.03													T				1.53				1.73
WASHBURN WATER WKS	R		.03			.03	.02		.18			.01													-	-	-	-	-				-
WATAUGA S OAK 8N									.05			T																T	.90				.95
WATFORD CITY				.04					.13			.06																.09	.61				1.13
WATFORO CITY 11E	R		.05					.02	.03			.04														.43		.12	.27				.53
WESTBOPE				.15	.12	.39	T			.05	T	.24																•	.20				1.56
WILOROSE				•	•	.12					T	.41																T	.70				1.23
WILLISTON WB CITY	R	T	.03	T	T	.01	T	.03	.09	T	T	.14	T	T					T			T	T	T	T	.18		.25	.35				.90
WILLOW CITY				T		.17	T				T	.09						T					T	T		T	T	.16				.60
WILTON RR STATION				T	T	T	T	T	.08	T		T	T												T				.65				.73
WISHEK						T	T	T	.07	T	T	T											T	T		.01			.25				.32
ZAHL			.02		T	.02		.05	T	.02	T	.10																	.49				.71

See reference notes following Station Index.

Table 4

HOURLY PRECIPITATION

NORTH DAKOTA
FEBRUARY 1951

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
EDGELEY EXP FARM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GLADSTONE 22N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRASSY BUTTE								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HETTINGER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KRAMER 5 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MC GREGOR RR STATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAUB //																		.01	.01						.02
RICHARDTON ABBEY															.01		.01								.02
RYDER									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SARLES 3 E //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHEYENNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—2d—																									
AMIDON											.01														.01
BEACB											.01														.01
BISMARCK WB AIRPORT																		.03							.03
BOWMAN COURT BOUSE //														.01											.01
CROSBY																						.01		.01	.02
FRYBURG											.01		.01												.02
GLEN ULLIN															.02	.01									.03
HALEY																							.01	.01	.02
JAMESTOWN CAA //																					.01		.01		.02
KENMARE														.02											.02
MANDAN EXP STATION																	.01	.01							.02
MARMARTH M O U CO											.01														.01
NORTHGATE																	.02	.01	.01				.01	.02	.03
RIVERDALE																.02	.01	.01				.01	.02	.01	.08
STANLEY																			.01	.01	.01				.03
WASHBURN WATER WKS																	.01	.01				.02			.05
WATFORD CITY 11E																	.01	.01					.01		.03
WILLISTON WB CITY																									
—3d—																									
AMIDON	.01	.01																							.02
ANTLER				.01	.01																				.02
BELCOURT INOIAN RES											.02														.02
DEVILS LAKE WB CITY						.01																			.01
GLEN ULLIN			.01																						.01
GRAND FORKS CAA //			.01																						.01
HALLIDAY																.02									.02
HANNAFORD										•	•	•	•	•	.07										.07
JAMESTOWN CAA //																	•	•	•	•	.01				.01
KENMARE									.01	.01															.02
NORTHGATE	.01	.01																							.02
PEMBINA 2N																	•	•	•	•	•	•	•	•	•
PETTIBONE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RIVERDALE									.01	.01															.02
STANLEY	.01																								.01
—4th—																									
ANTLER								.01		.03	.04	.02	.01		.01		.01		.01						.14
BISMARCK WB AIRPORT																		.01						.01	.02
GRAND FORKS CAA //							.01																		.01
HURDSFIELD											.02	.01		.01								.01	.01	.01	.07
JAMESTOWN CAA //				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.05	.05
MELVILLE															.01										.01
NAPOLEON 1 SE											•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NORTHGATE	-	-	-	-	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-	-
PEMBINA 2N	•	•	•	•	•	•	•	•	•	.03															.03
RIVERDALE															.01										.01
—5th—																									
ANTLER		.01	.01								•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BALFOUR											.04	.02		.01											.07
BELCOURT INDIAN RES											.01	.02	.02				.01								.06
BISMARCK WB AIRPORT											.01														.01
CANDO											.01	.02	.03	.01	.01			.01							.09
CROSBY				•	•	•	•	•	•	•	•	•	•	•	.02										.02
DEVILS LAKE WB CITY											.03	.07	.02	.01	.01					.01	.01				.16
DICKINSON CAA								.02																	.02
ESMOND										.01	.02	.02	.02								.01				.08
FARGO WB AIRPORT //											.01	.01		.01											.03
GRAND FORKS CAA //											.01	.01			.01		.01	.01			.01			.01	.07
GRANO //									.02	.02	.01														.05
BURDSFIELO												.01	.02												.03
JAMESTOWN CAA //										.01	.01					.01						.01		.01	.05
KENMARE										.02	.01	.01		.01			.01								.06
MELVILLE							.01	.01	.01																.03
MINOT CAA //												.02	.01											.02	.05
PEMBINA 2N											.02	.01			.02	.03	.05	.05	.02			.01			.21
RICHARDTON ABBEY																.01	.01								.02
RIVERDALE										.01	.01														.02
ROLETTE											.01	.03	.01	.02	.01				.01		.01				.10
STANLEY									.04	.01															.05
WASBBURN WATER WKS												.02	.01												.03
WILLISTON WB CITY																.01									.01
—6th—																									
ANTLER	•	•	.48																						.50
ESMOND		.01																							.01
GRAND FORKS CAA //		.01		.01	.01	.01																			.04
GRANO //		.02	.01		.01							.01	.01	.03	.01							.01		.01	.12
JAMESTOWN CAA //	•	•	•	•	•	.02																			.02
MINOT CAA //	.01											.02	.01	.01	.01										.06
NAPOLEON 1 SE	•	•	•	•	•	.05																			.05
PEMBINA 2N	.02	.01																							.03
PETTIBONE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.04	.04
RIVERDALE																.01									.01
WASBBURN WATER WKS																						.02			.02
—7th—																									
AMIDON																						.01	.01	.03	.05
BEACB																						.01	.01	.02	.06
BOWMAN COURT HOUSE //																		.01		.01			.01	.01	.02
BREIEN																								.02	.02
CARSON																							.01		.01
DICKINSON CAA																								.01	.01
GLEN ULLIN																					.02			.01	.03
GOLVA 1 S E																								.01	.01

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GRANO	//		.01																					.01	.01
HALEY																									.10
HALLIDAY		.02	.01	.02	.02	.02	.01																.02	.01	.02	.05
HAYNES 6 NE																								.01	.03	.04
MARMARTH M D U CO														.01			.01	.01							.03
PETTIBONE																								.01	.01
RICHARDTON ABBEY																						.01	.01	.01	.04
TROTTERS 3S																								.02	.02
WATFORD CITY 11E																							.01	.01	.03
WILLISTON WB CITY																									
												—8th—													
AMIDON		.03	.05																						.08
ANTLER																								.01	.02
ASHLEY	//		.01	.01	.02	.02	.03	.02	.02	.01	.01		.01												.16
BALFOUR										.01	.01	.01													.03
BEACH		.03																							.03
BEULAB		.01	.03	.03	.05	.02																			.14
BISMARCK WB AIRPORT				.01	.02	.02	.01		.01					.01											.07
BOWMAN COURT BOUSE	//	.05	.05	.02	.01																				.14
BREIEN		.01	.02	.04	.01		.01			.01															.10
CARSON			.01	.01		.01																			.03
DAWSON			.01	.01	.01	.01																			.04
DICKINSON CAA		.01	.02	.03	.02	.01																			.09
FORT YATES		.01	.01	.01	.02	.05	.02	.01				.01	.01												.15
FRYBURG		.01	.02	.01					.01																.05
GLEN ULLIN		.02	.01	.04	.03		.01																		.11
GOLVA 1 S E		.02	.01																						.03
GRANO	//																							.01	.02
HALEY		.03	.01	.01																					.03
HALLIDAY				.01	.01							.01													.05
HAYNES 6 NE		.03	.03	.03	.02					.01															.03
HAZELTON R R STATION	//			.01	.01	.01	.02	.01	.01	.01	.01	.01													.12
BURDSFIELD								.01	.01	.01	.01	.01													.10
JAMESTOWN CAA	//							.01	.01	.02	.01		.01												.05
KENMARE							.02	.01		.01	.01													.01	.06
MANDAN EXP STATION						.03	.01	.01																	.05
MARMARTH M D U CO		.03																							.03
MELVILLE								.01	.01	.01	.01		.01	.01				.01	.01						.08
MINOT CAA	//						.02	.01	.01			.01	.01												.06
MOTT							.01																		.06
NAPOLEON 1 SE		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
OAKES									.01	.02	.02											.01	.01		.07
PETTIBONE						.01	.01	.02	.01	.02	.01														.08
RAUB	//		.01	.01		.01																			.03
RICHARDTON ABBEY		.02	.03	.05	.04	.01				.01	.01	.01													.18
RIVERDALE			.01	.01	.02	.01																			.05
TROTTERS 3S		.03	.01																						.04
WASHBURN WATER WKS				.01	.02	.02	.04	.03	.02	.02	.01	.01													.18
WATFORD CITY 11E				.01	.01	.01																			.03
WILLISTON WB CITY			.01	.03	.02	.01	.01	.01																	.09
												—9th—													
AMIDON		.01		.01																					.02
BOWMAN COURT BOUSE	//			.02																					.02
CANDO																	.01		.01	.01					.03
CARSON		.01	.01	.01	.01																				.04
CROSBY		•	•	•	•	•	.01																		.01
DAWSON				.01		.01		.01	.02																.05
DEVILS LAKE WB CITY							.01							.01											.02
ESMOND																	.01	.01		.01					.03
FARGO WB AIRPORT	//																	.01	.01				.01		.03
FRYBURG			.01	.01																					.02
GLEN ULLIN			.01	.01																					.02
GRAND FORKS CAA	//																							.01	.01
BURDSFIELD															.01	.01	.01								.03
MINOT CAA	//																	.01	.01	.01	.01	.01			.05
MOTT				.02	.01																				.03
NAPOLEON 1 SE		•	•	•	•	•	.07																		.07
OAKES																								.01	.01
PETTIBONE				.01	.01	.01	.01																		.04
RICHARDTON ABBEY		.01	.01											.01	.01		.01								.03
RIVERDALE		.01	.01		.01	.01																			.04
ROLETTE											.01	.01	.01	.01											.04
TROTTERS 3S			.01	.01																					.02
												—10th—													
ANTLER				.01						.01	.01	.01										.01	.03	.01	.03	.1
BALFOUR			.02																				.01	.01	.02	.0
BELCOURT INDIAN RES																								.01	.01	.0
CROSBY														.01											.0
DEVILS LAKE WB CITY																									.0
GLEN ULLIN		.01	.01									.02													.0
GOLVA 1 S E										.01	.01													.01	.03
GRANO	//	-	-	-	-	-	-	-	-																-
GRASSY BUTTE											.01	.02													.01
KENMARE																								.01	.02
MINOT CAA	//																	.01							.0
ROLETTE																				•	•	•	•	•	•
STANLEY																									
												—11th—													
ANTLER		.02	.04	.03	.01	.02		.01	.02	.06	.02	.01	.01	.02											.2
BALFOUR																		.01	.01						.0
BELCOURT INDIAN RES		.02	.01	.02	.01						.01	.01											.01	.01	.0
BEULAB																								.01	.0
BISMARCK WB AIRPORT																								.01	.0
BOWMAN COURT HOUSE	//																								.1
CANDO		.01	.01	.02	.01					.02	.01						.01	.01							.1
CARSON																					.01	.01			.0
CROSBY		.02	.03	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01												.1
DEVILS LAKE WB CITY			.01	.03	.02	.02	.02		.01		.01														.0
DICKINSON CAA				.01																			.01	.01	.0
ESMOND		.01	.01	.01	.01		.01	.01																	.0
FRYBURG																.01							.01	.01	.0
GRAND FORKS CAA	//			.01	.01			.01	.01	.02	.01	.01			.02				.01		.01				.1
GRANO	//	.01	.05	.01	.02	.02	.04		.01	.01	.01	.01									.01	.02	.01		.1
HALLIDAY																									.0
HANNAFORD																									.0
HAZELTON R R STATION	//										.01	.01	.01	.01											.1
HURDSFIELD																							.01	.01	.0
JAMESTOWN CAA	//	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.03				.1
KENMARE		.01	.04	.02	.02	.02		.01	.02	.01	.04														.1

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

NORTH DAKOTA
FEBRUARY 1951

Station		A.M. Hour ending												P.M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MANDAN EXP STATION						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.03			.03
MARMARTH M D U CO											.02															.03
MINOT CAA	//	.02	.02	.02									.02	.01	.01										.01	.13
MOTT															.01	.01	.01								.03	.03
OAKES							.01	.01																		.02
PEMBINA 2N											.01	.02	.03	.01												.07
RAUB	//												.03	.01	.01											.05
RICHARDTON ABBEY		.01	.01	.01																						.03
RIVERDALE				.01																						.01
ROLETTE		.03	.02	.02	.01	.02				.02	.02	.01														.15
STANLEY		•	•	•	•	•	•	•	•	•	•	•	.20													.20
WASHBURN WATER WKS															.01											.01
WATFORD CITY 11E		•									.02	.01	.01													.04
WILLISTON WB CITY				.02		.01	.02	.02		.02	.03	.01		.01												.14
													—12th—													
AMIDON		.02		.01		.01		.01																		.05
BEACH				.01	.01																					.02
BISMARCK WB AIRPORT					.01																					.01
DICKINSON CAA			.01																							.01
FARGO WB AIRPORT	//		.02	.02																						.04
FRYBURG		.01																								.01
JAMESTOWN CAA	//				.02	.01	.01																			.04
MARMARTH M D U CO		.01	.01																							.02
													—14th—													
SARLES 3 E	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							-
													—15th—													
NORTHGATE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							-
													—16th—													
BREIEN															-	-	-	-	-	-	-	-	-	-	-	-
KENMARE												.01	.01													.02
													—17th—													
GRASSY BUTTE								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													—19th—													
PETTIBONE																				.01	.02	.01				.04
													—21st—													
MINOT CAA	//																						.01	.01	.01	.03
RAUB	//		.01	.01	.01					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													—23d—													
FARGO WB AIRPORT	//														.01											
GRAND FORKS CAA	//																			.01		.01				.02
JAMESTOWN CAA	//						.01	.01																		.01
NAPOLEON 1 SE		-	-	-	-	-	-	-	-	-	-	-	-								.01	.01				.02
													—24th—													
ANTLER																				•	•	•	•	•	•	•
BALFOUR																		.01		.01	.01	.05	.13	.04		.25
BELCOURT INDIAN RES																				.01		.01		.02	.07	.11
BISMARCK WB AIRPORT																		.01								.01
CANDO																							.03	.08	.06	.17
CROSBY																									.02	.02
DEVILS LAKE WB CITY																						.02	.05	.04		.11
ESMOND																					.01	.04	.07			.12
FARGO WB AIRPORT	//																						.01	.01	.01	.03
GRAND FORKS CAA	//																					.03	.08	.14	.03	.28
GRANO	//																						.05	.05	.05	.15
GRASSY BUTTE		-	-	-	-	-	-	-																		-
HURDSFIELD																					.02	.02	.01			.05
JAMESTOWN CAA	//		.02	.01																						.03
KENMARE																						.02			.05	.07
MELVILLE																					.03	.01	.01			.05
MINOT CAA	//																					.01	.05	.05		.11
NORTHGATE																						.03	.05	.04	.03	.15
PEMBINA 2N																								.10	.17	.27
ROLETTE																					.01	.02	.07	.05	.07	.22
SARLES 3 E	//													.01	.01		.01							.05	.09	.17
WASHBURN WATER WKS														-	-	-	-	-	-	-	-	-	-	-	-	-
													—25th—													
BELCOURT INDIAN RES		.07	.01	.01							.03	.02	.03	.02												.19
CANDO		.10	.03	.02																						.15
CROSBY		.01																								.01
HANNAFORD		-	-	-	-	-	-	-	-	-	-															-
MINOT CAA	//	.01	.01																							.02
PEMBINA 2N		.20	.08	.01	.01	.01																				.31
ROLETTE		.02	.01																							.03
SARLES 3 E	//	.11	.11	.01							.02	.01														.26
WAHPETON POWER PLANT																					•	•	•	•	.05	.05
													—26th—													
BEULAH														•	•	•	•	•	•	•	•	•	•	•	•	•
													—27th—													
AMIDON								.02	.01	.01					.01	.01	.01	.02	.01	.02	.04	.03	.02	.03	.04	.28
BALFOUR																			.02		.01					.03
BEACH																.02	.04	.04	.01	.01	.03	.06	.03	.05	.03	.32
BEULAH		•	•	•	•	•	•	1.52																		1.52
BISMARCK WB AIRPORT												.01										.01	.01	.02	.02	.07
BOWMAN COURT HOUSE	//			.01	.01		.01		.04						.03	.01	.04	.02		.01	.05	.06	.03	.01	.05	.38
CARSON											.01	.01	.01		.01			.01		.01			.03	.06	.04	.19
CROSBY																					.01	.02	.03	.02	.03	.11
DICKINSON CAA										.01		.01	.01	.02	.01	.01	.03	.03	.01	.02	.06	.07	.06	.07	.12	.54
FORT YATES																							.06	.04	.03	.13
FRYBURG																	.03	.02	.03	.01	.02	.02	.02	.03	.02	.20
GLEN ULLIN												.01	.01	.06	.02			.01					.02	.05	.06	.24
GOLVA 1 S E																	.01	.01	.01		.02	.02	.03	.03	.02	.15
GRANO																						.01	.01	.02	.01	.05

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GRASSY BUTTE						.03	.01						.01	.01	.01	.05	.05	.03	.02	.04	.04	.02	.05	.05	.35
HALEY													.01		.03	.02	.03		.03	.02		.03	.04	.03	.27
HALLIDAY										.01				.02	.03	.02	.03	.01	.01	.01	.01	.03	.05	.05	.26
HANNAFORD										.01	.02					.03	.03	.08							.20
HAYNES 6 NE																	.03	.08	.05	.07	.07	.11	.03	.02	.49
HAELTON R R STATION //																								.03	.03
KENMARE																.01			.01		.03	.04	.02	.02	.11
MANDAN EXP STATION																			.01		.01	.01	.04	.02	.10
MARMARTH M D U CO				.01		.01	.02												.05	.08	.07	.01	.01	.02	.28
MINOT CAA //																			.01	.03	.04	.02	.01	.01	.12
MOTT								.01	.01		.02	.01			.01	.01		.01	.03	.05	.05	.08	.10	.04	.43
NORTHGATE																								.03	.03
PETTIBONE																				.01	.01				.02
RICHARDTON ABBEY										•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RIVERDALE														.01	.01	.03	.01	.01						.02	.09
STANLEY																	•	•	•	•	•	•	•	•	•
TROTTERS 3S																.05	.04	.01	.03	.02	.01	.04	.05	.03	.28
WATFORD CITY 11E																	.02	.01	.02	.02	.01		.02	.02	.12
WILLISTON WB CITY																	.01	.03	.06	.05	.02	.02	.03	.03	.25
																									.07
AMIDON	.03	.03	.01	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ANTLER	•	•	•									.03	.03	.03	.01	.01		.01							.94
ASHLEY //	.04	.07	.09	.10	.13	.07	.08	.07	.07	.06	.04	.01	.02	.02	.05	.01	.01	.01		.01	.01	.01	.01		.17
BALFOUR																									.04
BEACH	.01	.01	.01	.01																					.57
BISMARCK WB AIRPORT	.04	.05	.05	.04	.05	.05	.04	.04	.04	.04	.04	.04	.02	.01				.01		.01					.09
BOWMAN COURT HOUSE //	.02	.02	.03	.02																					–
BREIEN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
CARSON	.10	.11	.14	.10	.06	.01	.02	.02	.04	.02	.02	.01	.01	.01											.67
CROSBY	.01	.02	.04	.03	.06	.08	.04	.05	.07	.05	.04	.01				.01	.01								.52
DAWSON		.01		.01			.01	.01	.02	.03	.02	.01	.06	.09	.08	.03	.01		.01	.01	.01			.01	.42
DEVILS LAKE WB CITY																									.01
DICKINSON CAA	.03	.01	.01	.02	.01	.01	.01	.05	.04	.01	.01														.21
EDGELEY EXP FARM	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ESMOND												.02	.01	.02	.01	.07	.02	.02	.01		.01			.01	.20
FARGO WB AIRPORT //												.01	.01	.02	.03	.04	.06	.10	.12	.09	.05	.02	.01	.01	.57
FORT YATES	.05	.05	.09	.13	.16	.16	.10	.06	.05	.03	.03	.04	.02	.01											.98
FRYBURG	.02	.01		.01	.01																				.05
GLADSTONE 22N	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
GLEN ULLIN	.11	.15	.17	.16	.11	.21	.04	.01	.01	.01	.01	.01	.01												1.01
GOLVA 1 S E		.01	.02	.02																					.05
GRAND FORKS CAA //																			.01	.01		.01		.01	.04
GRANO //	.01	.02	.03		.01	.01	.02	.01	.05	.03	.06	.06	.05	.05					.01	.02	.03	.01	.01		.49
GRASSY BUTTE	.05	.02	.03		.03	.01	.01																		.15
HALEY	.02																								.02
HALLIDAY	.07	.11	.09	.09	.07	.03	.04	.02	.02	.01	.02	.03	.01		.01										.62
HANNAFORD	.02	.02	.01																						.05
HAYNES 6 NE		.03	.02	.01	.02	.01																			.09
HAELTON R R STATION //	.02	.07	.03	.01	.02	.02	.05	.05	.07	.05	.06	.05	.07	.02	.03	.01		.02							.65
HETTINGER	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HURDSFIELD									.01	.02	.03	.03	.02	.04	.06	.03	.01			.01	.01	.02	.02	.01	.32
JAMESTOWN CAA //						.01	.01	.01	.02	.05	.10	.05	.18	.17	.15	.15	.10	.08	.03						1.11
KENMARE	.04	.01	.02	.03	.05	.02	.04	.04	.02	.08	.04	.01		.01	.03										.44
KRAMER 5 SE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MANDAN EXP STATION	.03	.01	.04	.05	.04	.03	.04	.03	.01	.04	.05	.01	.01												.39
MARMARTH M D U CO	.01	.01	.01																						.03
MC GREGOR RR STATION	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MELVILLE											.03	.06	.05	.04	.05	.02	.02	.01							.28
MINOT CAA //	.01	.02	.02	.01	.01	.02	.02	.01	.02	.02	.01	.05	.08	.02	.01				.03	.01	.02	.01	.02		.42
MOTT	.05	.05	.01	.01	.02	.01	.01																		.16
NAPOLEON 1 SE		.01	.02		.01	.01		.03	.03	.02	.05	.01	.01	.02	.01			.01		.01	.01				.26
NORTHGATE		.02				.01	.01	.02	.01	.05	.05	.05	.02							.01	.01		.01		.27
OAKES									.02	.09	.05	.01	.02	.02	.01	.01	.03	.02	.02	.02				.01	.33
PETTIBONE								.04	.09	.06	.05	.10	.07	.08	.08	.04	.02	.01							.64
RAUB //	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
RICHARDTON ABBEY	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.15	1.15
RIVERDALE	.02	.03	.05	.03	.05	.03	.02	.05	.04	.08	.16	.04	.03			.04	.02	.03	.02	.01					.75
RYDER	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SBEYENNE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
STANLEY	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.85								.85
TROTTERS 3S	.06	.01		.02	.01		.01	.01																	.12
WAHPETON POWER PLANT									.01	.03	.03	.04	.02	.02	.02	.08	.06			.02	.02		.02	.02	.39
WASHBURN WATER WKS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WATFORD CITY 11E	.01	.02	.03	.03	.03	.02	.02	.01			.02	.02	.02	.02	.01	.01									.27
WILLISTON WB CITY	.02	.03	.03	.05	.09	.04			.02	.01	.01	.03		.01	.01										.35

–28th–

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MONT 7SW	MAX	11	24	37	23	15	7	- 1	- 1	34	45	21	2	17	35	35	38	31	40	38	41	33	23	30	32	44	38	21	21				28.1
	MIN	-17	2	22	3	1	-15	-19	- 8	- 9	20	0	-14	-13	10	17	18	13	20	15	21	15	14	18	23	22	20	8	13				7.1
ENNIA	MAX	1	16	29	20	19	19	- 3	- 1	8	21	17	5	4	31	28	32	34	34	31	28	34	28	30	36	36	36	33	26				22.5
	MIN	-21	-14	- 2	- 4	- 6	- 8	-18	-22	-14	5	0	-18	-22	-12	3	16	29	28	20	23	15	13	12	28	32	28	23	18				4.7
IDON	MAX	- 5	15	37	38	36	21	- 4	5	36	45	52	12	6	27	44	51	46	43	47	39	44	41	25	28	44	47	29	18				30.9
	MIN	-20	- 6	15	14	14	-16	-20	-13	1	33	8	-16	-12	3	25	18	17	20	20	23	23	15	17	17	24	15	8	6				8.3
VILLA STATE PARK	MAX	3	18	20	11	9	5	- 5	- 4	8	16	14	- 1	6	26	30	33	35	33	30	34	27	26	30	39	38	37	32	22				20.3
	MIN	-21	- 4	- 3	- 7	-15	-12	-20	-25	-16	5	- 4	-15	-25	- 8	8	15	30	24	10	5	11	18	1	28	32	29	18	11				2.5
RLEY	MAX	2	20	38	28	22	20	- 3	1	13	43	38	3	12	33	32	33	32	44	38	41	38	28	32	39	47	34	25	25				27.0
	MIN	-26	- 5	18	3	- 2	-14	-19	-11	-18	12	1	-12	-21	2	8	17	7	6	12	9	10	18	18	28	24	22	10	14				4.1
LDHILL DAM	MAX	- 8	0	20	32	10	4	- 4	- 4	2	22	30	4	0	6	26	32	32	38	42	30	38	28	24	32	40	36	32	26				20.3
	MIN	-28	-28	- 8	- 8	- 6	-12	-20	-20	-12	- 4	2	-12	-24	-20	6	10	18	16	10	12	12	22	2	20	32	24	20	16				0.7
ACH	MAX	- 5	12	34	37	32	24	- 5	6	32	45	53	13	8	24	43	49	40	39	45	37	44	35	28	37	38	44	28	15				29.6
	MIN	-21	-12	5	11	13	-11	-20	-20	- 3	28	13	-14	-14	- 3	19	22	17	16	20	20	23	15	16	19	20	19	7	7				8.9
LCOURT INDIAN RES	MAX	- 2	15	19	10	6	- 5	- 3	- 1	7	17	14	5	- 2	25	30	29	20	27	20	31	23	29	25	34	32	28	17	12				18.5
	MIN	-22	- 8	- 4	-14	-20	-20	-28	-33	-13	3	-12	-30	-34	-12	10	6	- 5	4	- 1	- 7	- 2	10	- 5	23	21	15	8	4				- 5.9
LFIELD	MAX	15	34	38	25	24	19	7	10	46	58	20	2	26	45	47	45	40	49	40	44	41	27	24	39	46	38	18	20				31.7
	MIN	-18	- 1	20	2	6	-18	-24	- 4	1	20	2	-17	-12	10	20	15	15	16	19	22	20	17	19	20	20	15	8	10				7.2
SBEE	MAX	- 2	8	13	8	- 2	- 5	-12	- 2	8	15	14	- 8	- 2	22	28	22	22	25	30	22	22	26	37	36	34	31	20	18				15.3
	MIN	-26	-11	2	-10	-16	-17	-28	-26	-12	5	-10	-26	-28	-16	- 3	8	10	3	0	3	10	3		25	25	18	11	10				- 3.8
SMARCK WB CITY	MAX	- 7	10	34	32	10	10	- 4	- 3	7	24	32	10	2	18	34	36	34	30	34	33	38	29	24	32	34	40	30	23				22.4
	MIN	-24	-15	7	7	0	-14	-20	-15	- 8	6	7	-14	-24	-11	8	18	5	4	5	5	4	8	19	20	22	19	7	10				1.2
SMARCK WB AIRPORT	MAX	8	24	36	14	9	2	- 3	- 2	22	27	17	1	14	34	34	35	28	24	30	27	25	22	31	34	35	29	22	21				21.4
	MIN	-28	- 4	14	0	1	-17	-22	- 9	- 3	13	- 2	-18	-27	- 3	3	5	- 2	3	0	2	3	18	18	21	20	10	7	- 4				0.0
TTINEAU	MAX	-13	- 3	16	16	- 2	5	-13	- 9	- 4	13	20	1	-10	7	25	27	23	17	24	26	28	23	30	27	34	31	25	19				13.7
	MIN	-31	-29	-12	-20	-18	-15	-28	-28	-12	- 4	- 6	-25	-32	-29	4	11	- 3	- 1	4	- 1	- 6	- 2	5	12	27	22	12	9				- 7.0
WBELLS	MAX	- 9	7	17	14	- 5	- 3	-10	- 5	1	26	16	0	- 4	18	31	42	30	25	35	25	35	19	40	38	39	35	18	13				17.4
	MIN	-25	-13	- 4	- 7	-12	-18	-26	-26	-11	0	- 6	-27	-26	-15	12	12	6	0	10	9	5	6	13	13	13	11	- 8	- 5				- 4.2
WBELLS 5E	MAX	-10	7	15	12	- 6	- 4	-11	- 8	1	24	15	- 3	- 6	17	28	32	23	21	32	25	31	19	26	25	30	30	16	7				13.9
	MIN	-25	-12	- 5	- 8	-13	-19	-28	-26	-13	- 1	- 7	-25	-24	-16	12	8	4	- 5	4	8	7	4	12	9	22	7	- 9	- 5				- 5.1
WMAN COURT HOUSE	MAX	10	28	33	33	28	17	- 4	5	40	52	52	14	26	46	46	46	38	41	41	42	42	33	28	40	43	46	28	14				32.4
	MIN	-19	1	24	15	11	-14	-15	- 5	2	33	-12	-11	5	12	20	18	20	19	20	20	22	15	18	18	21	19	10	4				9.7
TTE	MAX	0	14	25	10	3	0	- 1	- 3	17	18	15	- 3	9	30	29	34	28	34	29	33	28	25	31	35	34	28	20	20				19.4
	MIN	-20	- 6	10	- 6	- 8	-15	-21	-16	- 8	- 3	- 4	-17	-18	- 3	13	16	7		10	9	12	13	13	24	19	17	9	10				1.4
RRINGTON	MAX	8	2	21	22	8	13	11		- 3		24	12			28	34	36	28	41	27	39	41	22	32	34	39	32	22				23.8
	MIN	-20	-21	- 3	- 2	- 9	-11	-20	-21	-11	- 5	2	-15	-20	-18	9	9	6	2	2	11	7	9	9	12	30	22	10	10				- 0.9
RSON 2 S W	MAX	12	25	40	21	15	12	2	2	28	46	32	4	26	42	42	44	35	47	35	42	35	25	30	30	46	38	30	24				28.9
	MIN	-23	- 1	20	6	2	-16	-23	- 6	- 8	24	1	-14	-16	6	16	18	14					20	18	24	22	24	8	2				4.9
VALIER	MAX	5	15	15	10	4	4	- 4	- 2	5	17	14	4	4	26	29	32	32	32	28	30	27	28	28	39	37	33	27	22				19.3
	MIN	-20	-11	4	-12	-18	-14	-22	-30	-24	5	- 5	-18	-24	-10	7	15	28	8	8	10	10	20	- 2	28	30	27	5	7				0.1
NTER	MAX	10	18	31	21	8	6	- 5	- 2	23	33	18	2	5	35	34	34	27	34	30	37	30	23	28	33	33	30	18	23				22.0
	MIN	-25	- 2	15	0	- 3	-16	-27	-13	- 8	17	0	-20	-22	- 9	- 2	8	4	4	0	- 2	- 2	13	15	20	13	4	0	10				- 1.0
OPERSTOWN	MAX	-11	6	15	8	3	- 1	-15	-10	2	12	7	- 5	- 3	17	22	23	22	26	21	26	22			36		31	27	20				12.0
	MIN	-28	-11	1	- 9	-12	-15	-24	-24	-13	- 5	-10	-16	-27	- 8	8	15	17	10	9	11	6			26	29	23	17	12				- 0.7
OSBY	MAX	4	15	21	8	- 4	- 8	- 5	2	25	28	17	0	4	22	30	26	24	24	28	27	21	24	27	25	28	23	6	10				18.1
	MIN	-23	- 5	7	- 7	-10	-18	-27	-12	- 3	11	-10	-26	-24	- 1	7	8	8	2	8	7	- 2	12	15	8	21	5	-11	4				- 2.0
VILS LAKE W B CITY	MAX	0	12	17	0	1	- 6	- 9	- 2	12	17	12	- 5	3	25	29	33	25	30	25	35	24	24	30	37	33	29	22	14				16.7
	MIN	-22	- 7	0	-14	-14	-18	-24	-25	- 9	9	- 7	-20	-23	- 6	9	17	10	4	7	5	4	8	2	30	25	18	13	9				- 0.7
CKINSON CAA	MAX	11	30	36	21	18	- 7	2	3	41	46	14	4	20	41	39	39	35	41	36	41	30	22	29	33	44	28	16	16				26.0
	MIN	-18	1	14	6	-10	-17	-21	- 4	3	13	- 3	-16	-11	13	17	17	17	18	20	21	16	16	19	22	25	11	7	- 8				6.0
CKINSON EXP STATION	MAX	- 6	12	33	37	21	21	- 6	3	20	42	47	8	7	22	49	41	53	32	43	38	43	28	24	31	35	46	28	17				27.5
	MIN	-21	-16	3	12	5	-15	-24	-22	- 3	19	7	-17	-16	-17	13	12	14	10	18	18	16	14	14	17	21	19	8	7				3.4
AKE	MAX	-10	6	23	24	10	7	- 4	- 3	2	23	21		- 3	15	29	30	33	32	33	29	33	22	25	31	37	39	27	28				20.0
	MIN	-24	-19	- 7	- 4	-14	-15	-25	-27	-10	2		-21	-22	-19	10	15	0	1	2	6	4	3	15	16	16	18	9	7				- 3.1
NN CENTER	MAX	- 8	10	24	36	10	3	-15	- 1	9	38	24	4	4	21	33	38	33	30	38	33	37	30	20	26	27	43	23	17				21.0
	MIN	-22	-20	1	9	- 3	-16	-25	-26	- 6	8	1	-24	-26	-12	- 6	- 6	- 5	- 4	6	- 2	- 2	3	17	14	6	12	- 2	2				- 4.6
NSEITH ST SANITARIUM	MAX	- 2	15	21	8	- 1	- 1	- 3	- 4	5	19	16	2	1	21	31	29	26	28	29	30	28	30	23	33	33	28	22	15				17.2
	MIN	-25	- 7	0	-10	-18	-16	-23	-21	-19	5	- 8	-21	-31	-13	5	12	5	5	0	1	0	18	7	21	26	18	10	5				- 2.6
GELEY EXP FARM	MAX	-13	12	30	35	9	15	8	- 2	- 4	32	33		10	15	30	30	31	34	40	44	33	39	25	38	39	35	34	22				24.2
	MIN	-22	-18	8	0	- 5	-13	-20	-13	-11	- 8	10	- 6	-21	- 7	7	8	7	8	5	8	7	10	18	19	22	24	17	10				1.3
WORE 1 W	MAX	- 4	10	12	13	- 2	- 2	- 9	- 3	4	14	14	5	- 1	22	25	31	29	26	24	30	28	27	27	39	33	32	30					16.8
	MIN	-25	-13	-14	- 9	-17	-16	-22	-28	-10	3	- 6	-22	-32	-14	3	15	20	2	2	8	- 2	18	- 2	25	28	24	13	8				- 2.3
BOWOODS	MAX	7	21	29	21	10	6	2	6	27	44	27	3	16		39	37	26	23	33	38	29	35	30	35	41	41	28	20				25.0
	MIN	-33	-17	12	- 4	- 7	-14	-27	- 6	- 4	14	- 8	-27	-35		6	7	4	- 3	4	- 3	16	19	16	17	16	14	9	5				- 1.1
LENDALE	MAX	4	22	37	30	19	17	- 2	- 1	14	40	26	14	11	34	34	35	31	40	33	32	33	30	34	44	44	40	29	27				26.8
	MIN	-19	- 2	17	2	- 1	- 9	-14	- 9	-13	13	4	- 8	-20	- 7	4	17	12	13	18	14	17	22	21	31	27	26	18	15				6.7
PING	MAX	5	20	25	15	7	0	- 3	1	27	30	15	- 2	17	34	41	27	27	29	35	26		30	38	31	33		14	19				20.8
	MIN	-24	- 3	14	- 1	- 5	-18	-28	- 8	- 3	4	- 4	-25	-23	5	14	8	3	6	11	3		12	10	9	12	6	-12	- 3				-1.5
RGO WB AIRPORT	MAX	- 4	16	27	5	21	8	- 6	- 3	12	20	20	0	- 1	26	24	31	36	34	31	28	31	29	34	38	37	35	30	22				20.7
	MIN	-29	-10	5	- 6	- 3	-14	-21	-23	-13	12	- 3	-17	-25	- 7	8	21	30	31	24	24	23	18	14	33	32	30	22	12				8.0
SSENDEN	MAX	13	14	25	14	5	0	- 6	1	12	25	17	- 3	8	27	28	37	21	36	32	35	29	25	30	36	39	29	23	21				20.5
	MIN		- 5	5	0	- 8	-14	-23	-14	- 9	12	- 5	-18	-21	- 4	3	6	9	5	2	3	7	18	13	29	21	22	15	13				2.3
RMAN	MAX	0	19	38	20	16	15	- 1	- 1	14	37	17	2	6	35	36	35	34	34	32	29	34	29	33	47	41	38	30	28				24.9
	MIN	-31	- 9	7	- 5	- 2	- 8	-18	-10	-12	6	2	- 7	-21	- 4	9	23	20	18	22	19	19	15	19	32	29	29	23	15				6.4
RT YATES	MAX	11	26	40	30		- 3	4	24	52	47	3	24	41	44	46	41	46	41	50	42	33	31	35	48	41	28	27					32.8
	MIN	-27	- 2	5	- 5	- 8		-15	- 4	- 7	15	3	-10	-20	8	9	20	10	9	15	11	14	17	20	29	20	23	10	16				5.8
XHOLM WILDLIFE REF	MAX	7	17	17	12	2	2	- 1	- 3	20	30	25	- 6	9	33	35	35	22	28	30	35	30	30	28	32	37	31	17	16				20.4
	MIN	-16	- 2	9	- 8	-12	-15	-21	-15	- 8	12	- 6	-25	-22	0	5	10	8	- 4	12	0	6	16	16	13	23	16	- 2	8				- 0.1

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FULLERTON	MAX	4	20	38	29	16	15	- 3	- 4	14	38	25	10	10	33	34	33	32	35	33	35	32	29	33	42	38	36	28	26				25.4
	MIN	-22	- 4	17	2	- 1	-10	-16	-10	-15	14	4	-10	-22	- 8	- 5	17	11	11	21	10	15	22	21	31	25	27	20	16				5.7
GACKLE	MAX	3	22	33	15	14	0	- 5	2	24	34	14	- 3	10	30	32	36	30	44	22	40	35	25	34	37	46	33	26	23				23.4
	MIN	-28	- 7	13	- 6	- 7	-14	-21	-14	-17	10	- 5	-17	-22	4	10	12	12	8	13	6	11	11	16	23	26	23	23	11				2.8
GARRISON	MAX	6	20	24	10	6	- 7	- 5	1	26	25	15	- 1	11	32	35	33	25	29	29	33	26	27	30	34	37	27	18	20				20.2
	MIN		- 1	10	- 5	-11	-17	-24	- 9	- 3	14	- 6	-19	-20	9	8	9	5	2	3	- 1	5	19	16	22	20	1	- 2	4				1.1
GRAFTON STATE SCHOOL	MAX	4	13	21	12	8	5	- 4	1	6	17	15	2	3	23	22	31	32	33	29	27	27	29	30	36	38	35	33	22				19.8
	MIN	-25	-11	- 1	- 8	-18	-14	-22	-27	-22	4	- 6	-18	-29	-13	4	11	26	8	8	1	7	20	- 1		31	28	17	8				- 1.6
GRAND FORKS CAA	MAX	- 1	15	26	2	13	4	- 5	- 4	11	17	14	- 3	3	25	25	32	34	33	30	28	27	26	33	38	38	34	26	18				19.2
	MIN	-26	-11	1	-12	-13	-15	-20	-24	-14	9	- 7	-20	-24	-10	7	15	29	24	17	9	13	7	2	32	32	25	17	12				2.0
GRAND FORKS UNIVERSITY	MAX	- 2	12	26	11	14	13	- 5	- 4	7	17	16	- 1	3	24	25	32	34	33	28	27	27	26	30	37	38	35	31	22				19.9
	MIN	-26	-12	- 1	- 6	-13	-11	-21	-23	-25	7	- 3	-14	-25	-11	6	14	29	24	18	12	13	20	3	30	33	31	21	12				2.9
GRAND RAPIDS IN	MAX	7	23	38	20	13	14	4	- 3	14	30	20	2	11	31	34	33	34	38	29	36	33	29	33	40	38	35	29	26				24.7
	MIN	-29	- 9	14	- 2	- 4	-12	-19	-19	-20	14	0	-12	-31	-10	8	12	14	12	13	10	5	24	14	32	32	24	22	15				3.5
GRANVILLE	MAX	6	16	20	9	4	- 1	- 4	- 1	17	18	18	- 2	10	32	34	37	17	32	29	36	25	33	29	35	38	30	22	20				20.0
	MIN	-20	-10	8	-10	-10	-15	-25	-20	-10	10	- 7	-25	-26	- 6	3	8	1	0	6	0	1	15	8	15	25	15	4	8				- 2.0
GRENORA	MAX	8	19	25	11	5	6	4	- 1	30	27	18	- 5	12	14	24	32	30	22	25	28	20	23	31	31	35	29	24	15				19.4
	MIN	-20	- 3	11	-11	- 5			-11	- 2	14	- 9	-25	-20	-21	- 7	- 1	5	0	3	8	2	11	16	4	12	11	-12	2				- 1.8
HANKINSON R R STATION	MAX	- 4	6	21	23	5	21	0	1	- 5	18		15	2	2	33	28	35	38	44	34	38	30	30	34			31	36				20.8
	MIN	-24	-23		- 1	- 4	- 5	-16	-12	-10	- 5		- 5	-22	-22	4	6	23	28	28	24	22	20	18	24		36	23	17				5.0
HANNAH	MAX	0	11	12	2	- 6	- 5	- 8	- 2	4	15	13	- 2	- 5	21	27	30	30	24	25	32	24	25	28	36	35	33	20	13				15.4
	MIN	-26	-13	0	-15	-19	-19	-27	-30	-17	2	-10	-24	-31	-10	5	10	20	4	- 1	3	2	13	- 7	25	28	19	11	3				- 3.7
HANSBORO	MAX	- 3	18		5	- 4	- 1			7	15	13		1	29	28	27	24	27		31	22	30	24	35	35	31	18	11				18.4
	MIN	-23	-11		-24	-24	-20	-12	-26	-17	3	-13	-29	-29	-13	4	0	0	2		- 4	1	9	- 4	22	28	16	8	2				- 8.0
HETTINGER	MAX	19	32	39	31	26	20	8	12	18	56	36	12		39	38	50	34	59	65	64	65	39	34	39	49	43	29	19				36.1
	MIN	- 4	3	17	15	8	-18	-12	0	5	18	3	- 6	-19	6	11	21	20	26	29	31	23	17	20	23	25	21	10	- 3				10.4
HILLSBORO	MAX	- 1	14	30	18	15	16	- 2	- 2	10	19	17	4	3	24	25	31	32	32	33	28	30	27	30	37	36	34	34	25				21.3
	MIN	-28	-15	1	-10	- 3	-11	-20	-25	-17	8	0	-12	-25	-12	3	13	28	30	19	15	14	20	7	28	29	30	20	15				3.6
JAMESTOWN CAA	MAX	2	19	31	10	14	2	- 6	- 2	15	27	14	0	8	30	28	30	27	35	26	33	29	25	33	35	35	32	24	22				20.8
	MIN	-23	- 4	10	- 5	- 7	-13	-18	-11	- 8	12	- 4	-16	-25	- 2	7	15	6	5	8	3	8	15	7	31	29	20	19	12				2.5
JAMESTOWN STATE HOSP	MAX	1	17	31	17	13	13	- 6	- 5	14	27	19	- 1	10	31	29	31	31	32	29	32	30	25	32	37	34	31	27	24				21.6
	MIN	-24	- 2	16	- 2	- 6	-10	-18	-14	-12	13	- 1	-13	-23	- 4		16	9	6	9	5	12	19	11	32	29	22	19	13				3.8
KENMARE	MAX	- 9	9	17	14	- 2	0	-10	- 5	2	28	17	- 1	- 3	17	33	35	30	23	37	28	35	18	29	27	34	35	19	14				18.8
	MIN	-23	-14	0	- 5	-12	-16	-21	-21	-11	0	- 5	-20	-20	-13	14	17	8	0	10	15	9	9	14	15	15	14	- 8	- 5				- 1.9
KENSAL WILDLIFE REFUGE	MAX	0	16	27	17	11	4	- 6	- 1	11	29	18	- 2	6	31	28	33	29	38	27	40	32	24	31	36	38	32	28	23				21.4
	MIN	-24	- 4	12	- 3	- 8	-12	-20	-16	-14	10	- 2	-16	-26	-10	6	14	3	0	10	0	8	8	7	29	29	24	16	13				1.2
LANGDON EXP FARM	MAX	- 4	10	16	10	- 5	- 9	-10	- 2	2	18	12	- 5	- 3	18	24	31	30	25	24	30	28	29	25	39	35	38	28	16				16.1
	MIN	-30	-13	- 2	-15	-21	-19	-28	-31	-16	- 2	-10	-25	-32	-12	7	15	22	3	3	8	5	14	2	23	24	25	13	5				- 3.1
LARIMORE	MAX	1	14	20	11	7	6	- 5	- 1	5	16	14	- 2	4	24	28	31	32	29	28	31	28	25	28	37	35	36	28	21				19.0
	MIN	-20	- 4	4	- 8	-15	-13	-21	-20	-17	5	- 5	-16	-25	-10	6	14	27	13	9	7	11	20	5	22	32	27	17	11				2.0
LEEDS	MAX	- 1	14	17	11	0	- 3	- 9	1	9	17	15	- 6	3	28	32	36	26	32	26	37	28	26	27	37	35	32	22	19				18.2
	MIN	-24	- 8	1	- 8	-14	-14	-27	-17	-12	8	- 6	-24	-26	-10	6	11	7	- 3	11	- 3	0	18	1	26	29	20	12	9				- 1.3
LINTON	MAX	7	21	40	24	19	8	1	3	21	53	31	3	20	35	40	37	33	44	35	42	40	29	32	40	48	40	28	26				28.6
	MIN	-33	- 5	20	7	3	-12	-19	- 5	- 8	13	3	-13	-25	5	12	20	5	7	10	10	11	20	20	31	25	23	12	17				5.1
LISBON	MAX	- 7	5	23	35	7	13	- 1	- 1	- 2	23	31	31	2	7	33	36	34	32	32	33	31	35	28	34	39	36	37	27				22.7
	MIN	-27	-26	- 1	- 7	- 6	- 9	-20	-22	-17	- 5	7	2	-26	-24	5	8	22	18	18	11	7	9	15	23	29	26	22	15				1.1
MADDOCK AGR SCHOOL	MAX	0	11	20	13	0	0	-11	- 5	10	18	16	- 4	5	27	30	35	25	28	27	35	30	25	28	35	33	30	23	20				18.6
	MIN	-24	- 7	4	- 7	-11	-16	-26	-22	-12	8	- 5	-22	-25	-12	3	9	2	- 2	7	- 1	2	17	7	27	29	22	13	10				- 1.1
MANDAN EXP STATION	MAX	- 8	8	33	35	7	9	- 6	- 3	5	31	32	11	0	15	33	33	35	28	31	30	28	28	26	30	37	37	35	33	24				21.2
	MIN	-20	-17	6	7	0	-13	-20	-18	- 7	5	11	-14	-20	-15	7	15	6	4	6	2	3	9	18	20	19	19	8	9				1.1
MANDAN FT LINCOLN PARK	MAX	8	21	39	22	13	8	1	5	21	31	21	6	10	35	36	39	33	36	33	39	36	25		35	48	33	22	23				25.1
	MIN	-22	- 5	18	0	- 1	-15	-20	- 8	- 9	19	1	-16	-20	- 5	6	15	7	2	5	0	1	13		18	21	20	5	15				1.1
MARMARTH	MAX	15	30	40	38	32	15	1	11	46	59	34	18								41	43	25	34	45	47	40	22	13				30.0
	MIN	-28	- 5	23	10	14	-11	-17	3	7	32	13	-16								20	18	18	20	16	20	19	12	4				8.1
MAX	MAX	3	22	22	2	5	8	- 6	3	25	19	15	- 1	7	30	29	29	26	31	28	26	26	25	28	32	31	25	18	15				18.1
	MIN	-23	- 5	- 2	- 7	-16	-23	-23	- 9	0	3	-19	-24	-21	7	11	2	1	7	4	2	2	13	14	20	17	1	3	-14				- 2.1
MAYVILLE	MAX	1	15	26	13	15	12	- 5	- 4	5	18	15	- 2	7	26	28	31	32	32	30	28	28	26	30	37	37	35	33	24				20.2
	MIN	-24	- 8	6	- 4	-11	- 9	-21	-23	-21	5	- 2	-15	-24	-10	4	16	29	28	16	12	13	20	7	29	32	28	22	15				3.1
MC CLUSKY	MAX	2	15	25	13	7	1	- 7	- 1	18	28	17	- 3	8	26	31	33	23	35	27	37	28	22	28	35	37	28	20	20				19.2
	MIN	-25	- 5	12	- 5	- 5	-14	-24	-16	- 9	14	- 4	-19	-22	- 3	11	15	- 1	6	7	5	3	13	15	25	27	10	7	11				1.1
MC HENRY 5 N	MAX	- 7	12	22	13	2	0	-10	- 4	6	17	15	- 5	3	24	25	30	27	30	25	29	28	23	28	34	33	27	25	18				16.6
	MIN	-26	-11	6	- 7	-13	-16	-25	-23	-14	6	- 5	-20	-28	- 8	5	13	19	5	8	4	4	19	5	27	27	22	13	10				- 0.1
MC LEOD 3 E	MAX	- 5	7	35	23	18	18	- 3	1	6		32	13	- 1		34	32	33	37	35	32	29	36	32	38	38	35	33	27				23.1
	MIN	-31	-10	- 8	- 5	- 3	-20	-19	-20	-17		5	-10	-30		- 5		15	23	23	27	20	13	16	31	30	27	15	15				3.1
MEDORA T R N M P	MAX	16	30	41	32	22	10	7	8	50	58	38	10	27	44	54	44	38	48	41	46	38	25	33	37	46	41	21	21				33.5
	MIN	-30	-11	27	- 8	8	-16	-29	- 1	4	24	6	-14	-18	7	6	11	14	12	19	16	20	16	20	17	14	20	8	8				5.1
MINOT CAA	MAX	5	15	17	7	2	- 8	- 4	- 1	27	27	14	- 2	13	28	37	32	18	34	28	33	21	31	29	33	35	27	17	13				18.1
	MIN	-17	- 2	6	- 8	-10	-15	-22	-10	- 1	14	-12	-20	-17	11	15	12	6	6	13	12	7	14	14	18	23	9	3	7				2.1
MINOT EXP FARM	MAX	2	13	17	10	2	0	- 6	- 2	20	26	16	- 3	5	27	32	30	19	32	28	30	27	29	27	32	32		30	18				18.0
	MIN	-21	- 2	9	- 8	-10	-15	-24	-16	- 8	15	- 7	-23	-20	1	15	13	7	5	10	10	5	15	13	16	22		3	10				0.1
MOHALL	MAX	5	13	11	9	1	- 7	- 8	- 5	13	17	13	- 7	5	28	35	26	20	21	27	35	21	30	26	30	32	27	16	15				16.4
	MIN	-18	- 5	8	- 7	-13	-16	-26	-15	- 9	3	- 8	-23	-23	- 3	3	- 5	3	- 8	3	2	- 2	17	15	9	24	16	- 1	5				- 2.1
MOTT	MAX	16	29	40	29	20	16	4	3	42	52	32	6	28	45	43	47	37	48	39	45	37	26	32	35	49	38	25	20				31.7
	MIN	-27	- 4	22	12	6	-14	-19	- 3	- 6	23	6	-12	-19	7	8	16	17	14	22	21	20	17	19	24	19	23	8	7				7.1
MUNICH 4 SW	MAX	- 1	11	13	1	- 5	- 6	-13	2	4	14	13	- 7	- 4	22	24	29	27	21	24	30	27	28	24	37	33	31	31	12				15.1
	MIN	-30	-16	- 1	-10	-19	-20	-29	-29	-17	3	- 8	-27	-33	-16	1	10	15	0	- 1	3	0	18	- 3	24	28	22	11	6				- 4.1
NAPOLEON 1 SE	MAX	0	21	34	18	16		- 5	- 4	17	46	20	0	9	30	32	34	28	41	31	37	34	23	32	36	42	37	23	22				24.2
	MIN	-26	- 6	17	- 1	- 4	-15	-23	-14	-15	16	- 1	-16	-20	- 5	10	16	6	8	9	6	9	16	18	28	23	16	10	13				2.2

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EW ENGLAND	MAX	14	27	38	30	23	18	4	6	46	57	48	10	27	46	47	44	38	46	44	44	39	29	31	39	47	43	27	17				33.2
	MIN	-24	- 1	20	6	8	-15	-21	- 2	- 2	28	9	-18	-17	7	10	15	18	19	21	20	22	17	19	23	19	19	9	8				7.8
EW SALEM 1 S	MAX	8	18	37	20	10	- 7	- 2	10	32	42	20	1	20	33	35	37	33	43	33	32	39	23	30	40	43	34	20	18				25.1
	MIN	-22	-10	- 1	- 2	- 8	-19	-22	-14	- 2	18	- 2	-17	-15	12	15	15	10	6	11	15	13	12	16	15	23	10	3	7				2.4
AKES	MAX	- 8	5	24	38	6	19	- 2	0		21	40	13	0	12	35	38	33	34	38	32	29	32	27	34	45	35	38	27				23.0
	MIN	-24	-26	- 2		- 2	-10	- 6	- 7	-15	0	12	- 5	-20	-23	2	6	22	14	15	14	10	10	19	24	28	28	20	17				2.8
ARK RIVER	MAX	2	14	15	11	2	2	- 5	0	4	14	13	- 2	2	24	30	32	32	32	28	31	28	26	28	39	38	36	31	22				18.8
	MIN	-20	- 7	1	-11	-16	-12	-19	-22	-18	3	- 6	-14	-22	- 7	5	14	28	7	8	8	10	21	4	27	30	29	17	10				1.7
ARSHALL	MAX	8	17	28	15	5	1	- 5	0	22	28	15	0	14	34	35	33	29	29	30	33	23	28	28	33	36	30	16	18				20.8
	MIN	-31	-11	8	- 5	- 8	-16	-26	-11	- 5	15	- 2	-26	-30	0	8	10	- 2	- 5	5	- 4	- 8	15	15	10	19	10	9	8				- 2.0
SM8INA 2N	MAX	- 8	10	27	1	4	-12	-17	- 7	9	4	7	2	2	23	25	30	33	30	28	26	27	28	32	36	37	35	24	14				18.0
	MIN	-21	-12	- 9	-21	-12	-27	-32	-26	-10	-10	-25	-36	-28	0	12	16	12	10	1	12	16	0	17	10	32	17	8	9				- 3.5
ETERSBURG	MAX	- 1	12	19	13	- 1	0	- 7	4	4	15	12	- 6	3	24	26	30	28	31	24	34	31	24	27	41	36	31	31	18				18.0
	MIN	-26	-10	3	-10	-11	-16	-26	-23	- 8	2	- 7	-19	-27	- 8	9	16	25	10	8	7	6	19	5	26	27	25	16	8				0.7
ETTIBONE	MAX	- 3	15	31	17	10	10	- 8	0	11	25	17	- 2	5	25	32	36	32	32	25	34	30	24	30	35	37	30	24	21				20.5
	MIN	-28	-13	12	- 3	- 8	-13	-21	-11	-10	11	- 2	-16	-23	- 5	8	18	0	5	8	0	4	15	16	30	28	24	15	14				2.0
ORTAL	MAX	-10	4	14	15	- 5	- 7	-11	- 9	0	15	20	0	- 7	12	23	39	24	22	28	25	34	20	27	26	33	33	15	11				14.0
	MIN	-24	-13	- 4	- 6	-13	-18	-30	-30	-13	0	- 8	-27	-23	-22	12	3	- 1	- 5	- 2	8	2	3	15	10	10	12	-12	3				- 8.2
OWERS LAKE 1N	MAX	3	12	20	10	- 3	-11	-10	- 4	22	24	12	- 4	9	29	37	26	25	30	31	31	20	24	25	28	28	21	12	11				16.4
	MIN	-24	-11	10	- 8	-11	-20	-31	-12	- 4	5	-13	-27	-29	3	2	2	- 2	- 7	4	1	- 4	13	9	5	7	5	-12	5				- 5.1
ICHARDTON ABBEY	MAX	12	25	38	20	17	7	2	4	39	47	19	5	20	38	38	47	34	45	38	43	36	23	28	32	46	39	20	19				27.9
	MIN	-17	2	19	7	3	-16	-20	- 5	- 5	18	0	-14	-12	8	17	16	17	18	18	21	20	15	17	23	23	19	4	10				7.4
IVERDALE	MAX	7	18	29	14	5	1	- 7	- 2	21	33	15	- 1	8	29	31	31	23	31	30	35	28	23	27	32	38	27	18	19				20.1
	MIN	-22	0	13	- 5	- 5	-14	-21	- 9	- 6	13	- 3	-16	-20	- 5	10	11	9	5	12	4	2	15	17	24	24	11	- 1	9				1.9
OLLA	MAX	- 4	13	13	3	- 5	- 5	- 3	- 1	7	15	14	5	- 3	23	29	27	20	25	33	31	23	25	25	34	32	28	17	12				15.5
	MIN	-23	- 8	- 2	-15	-20	-20	-24	-25	-14	4	-12	-27	-28	-12	9	5	- 5	- 2	0	2	4	10	0	23	22	14	8	4				- 4.7
UG8Y	MAX	2	15	18	14	1	- 2	- 7	- 2	9	17	16	- 3	4	27	32	31	28	26	28	33	28	28	28	37	34	31	22	20				18.4
	MIN	-25	- 9	4	- 7	-12	-16	-27	-22	-10	6	- 5	-25	-27	- 9	8	8	2	1	3	1	1	16	9	26	29	21	13	9				- 1.3
ANISH	MAX	- 8	9	22	26	7	7	- 9	- 3	7	25	23	5	- 2	8	34	32	27	25	28	30	35	27	34	30	31	34	22	22				18.9
	MIN	-31	-28	- 9	7	- 5	-13	-25	-25	- 7	5	3	-25	-31	-31	4	6	3	- 4	- 2	1	- 2	- 1	16	11	16	15	- 8	12				- 5.3
IARON	MAX	- 1	11	20	12	7	4	- 8	2	5	20	12	- 5	- 3	23	31	30	30	33	27	35	29	24	28	35	34	32	28	20				18.4
	MIN	-26	- 5	- 3	- 7	-12	-14	-22	-22	-15	4	- 5	-16	-25	- 8	10	17	24	10	10	11	10	20	10	28	30	25	18	12				2.1
ANLEY	MAX	3	21	25	6	- 1	-10	- 7		27	21	11	- 5	10	28	34	29	26	30	25	30	25	26	26	35	32	26	13	12				18.4
	MIN	-24	- 8	4	-10	-15	-20	-27	- 7	- 4	2	-13	-25	-21	0	4	1	- 4	2	7	- 1	4	13	14	12	15	0	- 9	5				- 3.8
EELE	MAX	- 2	20	33	16	10	- 4	- 6	- 2	18		18	- 2	7	27	35	39	25	37	39	31	24	33	35	42	31	18	24	20				21.0
	MIN	-32	-12	12	- 4	- 5	-15	-23	-15	-14	12	- 2	-17	-28	- 6	8	12	- 1	0	0	3	14	15	25	25	14	11	9	10				- 0.1
OWNER	MAX	5	22	23	14	5	- 2	-10	- 4	11	18	15	0	1	29	31	32	30	27	29	35	18	31	28	38	38	30	21	20				19.1
	MIN	-23	- 5	10	- 8	-11	-12	-25	-14	-13		- 5	-23	-25	- 4	15	15	0	9	5	10	- 3	11	11	28	26	16	8	8				0.0
URTLE LAKE	MAX	4	15	29	14	6	1	- 7	- 2	19	30	15	- 2	7	29	30	33	34	32	28	34	27	23	28	34	38	36	18	20				20.5
	MIN	-25	- 5	13	- 5	- 6	-17	-25	-18	- 8	14	- 4	-21	-25	0	4	6	1	0	5	- 3	- 5	13	15	12	25	15	4	12				- 1.0
UDERWOOD 12 W	MAX	5	18	30	28	5	4	- 5	- 1	21	25	17	7	0	30	34	30	30	23	19	22	20	24	30	33	31	30	17	20				19.5
	MIN	-29	0	10	- 2	- 2	-12	-19	- 8	- 5	17	0	-19	-30	- 7	0	4	4	- 2	- 1	- 5	- 4	16	16	25	24	18	1	13				0.1
PHAM WILDLIFE REFUGE	MAX	7	18	18	13	3	1	- 2	2	12	22	19	- 1	4	28	32	36	24	28	31	36	24	34	26	35	34	29	25	17				19.8
	MIN	-20	-10	5	- 5	-12	-16	-27	-22	-10	2	- 3	-28	-36	-17	- 3	0	- 6	1	0	- 8	- 4	19	6	18	25	17	8	9				- 4.2
LLEY CITY	MAX	2	15	30	26	16	15	- 3	- 2	10	26	14	2	6	26	34	34	35	35	33	36	31	27	30	40	36	34	30	25				23.0
	MIN	-27	- 6	12	- 5	- 6	-10	-18	-15	-13	8	2	- 8	-23	-10	10	16	18	14	14	17	14	21	14	29	33	27	20	12				5.0
N HOOK	MAX	10	16	28	17	6	0	- 5	1	23	31	15	0	11	31	35	30	27	25	29	30	29	28	29	31	36	25	15	16				20.3
	MIN	-25	- 6	13	- 3	- 5	-14	-26	- 9	- 2	15	- 3	-22	-26	- 2	2	7	5	- 2	6	- 2	- 3	16	16	13	16	12	- 9	10				- 1.0
LVA	MAX	8	19	20	10	4	0	- 2	- 3	21	27	17	1	13	34	35	35	20	35	30	36	29	28	29	34	38	33	20	20				21.1
	MIN	-17	- 6	10	- 5	- 8	-14	-21	-18	- 7	15	- 2	-20	-20	- 3	7	19	2	2	12	- 1	3	16	12	17	27	20	7	9				1.3
HPETON STATE SCHOOL	MAX	- 3	18	34	28	21	24	- 5	0	6	32	25	7	1	28	26	31	36	36	34	32	29	33	32	39	37	34	34	30				24.2
	MIN	-31	-14	9	- 6	0	- 8	-20	-19	-14	5	5	- 5	-25	- 8	- 6	18	29	31	28	23	21	21	18	31	31	30	26	15				6.6
S88URN	MAX	7	18	31	18	7	7	- 3	1	20	28	17	4	14	31	33	34	28	34	31	39	30	25	29	34	40	35	20	21				22.6
	MIN	-23	- 2	16	- 2	- 2	-12	-21	- 8	- 5	15	0	-17	-20	2	12	16	6	8	4	5	3	14	17	25	23	18	5	12				3.2
TFORD CITY	MAX	12	23	33	20	15	8	1	4	36	37	19	3	20	36	47	30	31	40	35	40	34	28	34	34	40	30	15	20				25.9
	MIN	-19	- 1	18	5	- 3	-17	-23	- 7	- 3	16	- 1	-21	-17	7	4	1	6	7	10	9	4	14	17	9	16	11	- 5	7				1.6
STHOPE	MAX	7	9	11	5	4	- 7	- 8	- 4	10	18	14	- 4	- 4	24	27	27	16	18	32	37	24	29	25	32	33	27	22	15				15.7
	MIN	-23	- 7	2	- 8	-12	-17	-29	-21	- 7	5	- 9	-27	-30	-10	4	0	- 1	0	3	- 2	- 4	16	12	16	23	14	10	5				- 3.5
LLISTON W8 CITY	MAX	10	26	29	12	10	- 5	- 2	2	35	31	15	- 2	18	34	39	28	30	31	30	35	19	27	35	30	33	24	14	14				21.5
	MIN	-20	2	11	- 2	-14	-17	-23	- 5	1	15	- 9	-18	-17	13	7	1	8	- 1	11	9	1	14	20	7	24	0	-10	- 5				0.1
LLOW CITY	MAX	5	13	21	7	0	- 4	- 9	- 5	10	19	17	- 7	- 3	29	34	28	15	20	28	35	31		27	35	33	28	20	15				16.4
	MIN	-32	-10	4	-10	-14	-17	-30	-28	-10	2	- 8	-27	-37	-22	6	- 2	- 2	5	0	- 7	7		0	25	25	19	13	7				- 5.3
LTON RR STATION	MAX	-10	7	30	30	4	6	- 7	- 5	1	34	24	2	- 2	13	26	26	30	33	31	27	33	25	22	32	36	37	26	20				19.0
	MIN	-24	-24	0	1	- 6	-16	-23	-24	-10	- 1	- 2	-18	-20	-20	2	10	7	9	6	7	8	10	10	16	19	20	3	5				- 2.0
SHEK	MAX	- 8	6	31	36	8	22	- 5	- 3	2	25	44	10	- 3	14	35	32	36	32	41	27	40	37	24	37	38	44	30	25				23.5
	MIN	-27	-18	- 2	3	- 2	-15	-21	-20	-14	- 1	8	-13	-27	-20	7	11	6	5	12	6	8	13	22	21	23	19	10	15				0.3

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
FEBRUARY 1951

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Almont 7 SW	SNOWFALL		0.2			T			1.8	0.9		0.3	0.3														1.2	11.0			
	SN ON GND	10	10	10	10	10	10	10	12	13	13	13	13	13	13	12	10	9	7	7	5	5	5	5	5	4	4	5	16			
Amenia	SNOWFALL					1.0	1.0					1.0					0.1												7.5			
	SN ON GND	7	7	7	7	8	8	8	8	7	7	8	7	7	6	6	6	5	4	4	4	3	3	2	2	T	T	T	5			
Ashley	SNOWFALL								3.0			0.3																	13.0			
	SN ON GND	15	15	14	13	13	13	13	16	16	11	11	11	11	10	9	9	9	7	7	6	5	5	5	4	3	3	3	16			
Bsach	SNOWFALL								1.0			T	T																5.0			
	SN ON GND	3	3	3	2	1	1	1	2	2	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T				5			
Bismarck WB AP	SNOWFALL		0.3	T	0.2	0.1	T	T	0.7	T	T	0.3	0.2									T	T	T	T		T	1.0	7.9			
	SN ON GND	8	8	7	7	7	7	7	8	8	8	8	9	9	8	7	6	6	6	6	6	6	6	6	6	5	5	5	14			
Carson 2 SW	SNOWFALL				T					1.0		0.5											T				T	T	12.0			
	SN ON GND	12	12	10	10	10	10	10	10	11	8	9	9	9	8	7	5	4	6	3	2	2	2	2	2	1	1	1	13			
Ceoter	SNOWFALL		T	T	T	0.5					1.0																	1.0	12.0			
	SN ON GND	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	10	10	10	10	9	9	9	9	8	7	7	8	22			
Crosby	SNOWFALL		T	T		1.0				T	T	5.0														T		T	9.0			
	SN ON GND	8	8	8	8	9	9	9	9	9	9	14	14	14	14	14	13	13	13	13	12	12	12	12	12	12	12	12	21			
Devils Lake WB City	SNOWFALL	T	T	0.2	0.2	2.6	T		T	0.2	0.1	1.4	T	T				T		T	T	T	T	T	T		T	T	0.1			
	SN ON GND	11	11	11	11	13	13	13	13	13	13	15	14	14	14	13	13	13	13	13	12	12	12	12	12	9	9	9	9			
Dickinson CAA AP	SNOWFALL		T		T	0.3	T	0.1	0.9	T		0.3	0.1										T	T		T		5.1	2.8			
	SN ON GND	7	7	6	6	6	6	6	7	6	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	6	9			
Dunn Center	SNOWFALL			T	T	T	0.2		1.2			0.3	0.7										T						12.0			
	SN ON GND	8	8	8	8	8	8	8	9	9	9	9	10	10	10	10	10	10	9	9	8	7	7	7	7	7	6	6	18			
Edgeley Exp Farm	SNOWFALL					0.1		0.8					1.0																9.0			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Ellendale	SNOWFALL			T		T	T		1.5	1.0		T	1.2											T					11.5			
	SN ON GND	10	9	9	8	8	8	8	9	10	10	10	11	11	10	10	10	9	8	8	7	6	6	6	5	3	2	1	12			
Fargo WB AP	SNOWFALL		T	T	T	0.3	T			0.3	T	0.1	0.6								T		T	T					10.8			
	SN ON GND	9	9	8	8	8	8	8	8	8	8	8	9	9	9	9	8	7	7	7	7	6	6	6	4	2	2	2	7			
Fessendso	SNOWFALL					-						-																	-			
	SN ON GND	14	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-	8	-	-	6	-	-	-	-	-	-	9			
Formao	SNOWFALL					0.2			T																				4.2			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5			
Fort Yates	SNOWFALL								2.0	T		T													T	T			14.0			
	SN ON GND	11	11	11	11	11	11	11	13	13	9	9	9	9	9	8	7	5	6	5	3	2	2	2	2	2	1	1	15			
Grafton State School	SNOWFALL			T		3.0	2.0			T	T	1.5												T	T	1.5						
	SN ON GND	7	7	7	7	9	10	10	9	9	9	10	10	9	9	9	8	8	8	8	7	6	6	5	4	4	3	3	3			
Bsttinger	SNOWFALL								-			-																6.5	5.0			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Jamestowo CAA AP	SNOWFALL		0.3	0.1	0.8	0.9	0.3		0.5	T		0.5	0.2										T	T				9.0			
	SN ON GND	8	8	8	9	9	9	9	10	10	10	10	10	10	10	9	9	8	7	7	6	6	6	5	4	3	2	2	10			
Laogdoo Exp Farm	SNOWFALL					3.0	0.6					1.0	1.5						T									T	0.5			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Lioton	SNOWFALL					T			1.8			T																	13.5			
	SN ON GND	17	17	16	16	16	16	16	18	18	13	13	13	13	12	10	8	7	6	6	5	4	4	4	3	2	2	2	15			
Lishon	SNOWFALL							-	T				-																T			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Marmarth	SNOWFALL		0.1			T		T	0.2			T	1.0									T			T		T	1.5	3.5			
	SN ON GND	2	-	-	-	-	-	-	-	-	-	T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5			
Mayville	SNOWFALL			T	0.2	1.5	1.0	T		T	T	0.5	T				T	T	T			T						0.6			
	SN ON GND	6	6	6	6	7	8	8	8	8	7	7	7	7	7	7	7	6	6	5	5	5	5	5	4	4	4	4	4			
McClusky	SNOWFALL					1.0	0.1		0.2	0.3																		0.3	11.0			
	SN ON GND	18	18	18	18	19	19	19	19	19	19	19	19	18	18	17	17	16	16	16	14	14	12	10	10	10	10	10	21			
Medora T R N M P	SNOWFALL		0.1			0.1			2.6			1.0	0.5															2.8	8.6			
	SN ON GND	5	5	5	5	5	5	5	8	7	4	4	4	4	3	2	2	2	2	2	2	1	1	1	1	1	T	3	11			
Minot CAA AP	SNOWFALL		0.1	0.1	0.7	0.7	T		0.7	0.4	0.2	1.4	T										T	0.3	T		1.0	4.0			
	SN ON GND	10	10	10	10	11	11	11	11	12	12	13	13	12	12	11	8	8	7	7	5	5	5	4	3	3	3	3	7			
Mohall	SNOWFALL			1.0	0.2	2.0				0.1		1.2	1.5												T	2.0		0.1	5.0			
	SN ON GND	15	15	16	16	18	18	18	18	18	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	23	23	23	28			
Mott	SNOWFALL					T			1.2	0.5		0.5	T															1.7	10.3			
	SN ON GND	7	7	6	6	6	6	6	7	7	5	5	5	5	5	4	4	3	2	2	1	1	1	1	1	1	1	2	12			
Napoleoo 1 SE	SNOWFALL				T	0.5	0.5		1.0	0.5		T	T											T	T				5.0			
	SN ON GND	14	14	13	13	13	14	14	15	15	13	13	13	13	13	12	10	10	7	7	6	5	5	5	4	3	3	3	8			
Parshall	SNOWFALL		0.3		T	T				T	T	1.0															T	8.0			
	SN ON GND	9	9	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	10	9	9	9	9	8	6	6	6	14			
Pembioa 2 N	SNOWFALL			-	-	T	*		4.0				T	T																		
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Pstersburg	SNOWFALL			T		1.7	T			0.2		1.2													2.2	1.8			1.8			
	SN ON GND	11	11	11	11	12	12	12	12	12	12	13	13	13	13	12	12	11	11	11	10	10	10	10	12	13	10	10	10			
Pettihooe	SNOWFALL	T		0.2	0.2		0.3		1.2	0.7		0.2																6.5			
	SN ON GND	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	16	16	16	16	15	15	15	14	11	8	7	7	13			
Portal	SNOWFALL			T	T		3.0		T	T		6.0													2.5			6.0			
	SN ON GND	6	6	6	6	6	7	7	7	7	7	13	13	13	13	13	12	12	12	12	12	12	12	12	13	12	12	18				
Richardton Abbey	SNOWFALL		0.1		T	0.2	0.1		1.8	T		0.7	0.3														T	1.6	1.2			
	SN ON GND	9	9	7	7	7	7	7	9	8	5	6	6	6	6	4	3	3	3	2	2	2	2	2	2	2	2	3	15			
Riverdale	SNOWFALL		0.3	0.1	0.1	0.1	0.1		0.3	0.1		0.1	T											T	T	T	T	1.0	10.0			
	SN ON GND	11	11	11	11	11	11	11	12	12	12	12	12	12	12	11	11	11	10	10	10	9	9	9	9	9	9	10	20			
Rolla	SNOWFALL			T	0.2	1.5	0.5				0.1	0.4	1.7													1.0	0.5					
	SN ON GND	16	16	16	16	17	18	18	18	18	18	18	19	19	19	19	19	19	19	19	19	19	19	19	18	19	19	19	19			

See reference notes following Station Index

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Rugby	SNOWFALL			0.4	0.3	3.0	1.0		0.3	T	T	3.0																T	5.0			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	-	-	-	-	-	-	-			
Sbaron	SNOWFALL			T	0.5	1.0				T		1.5					T	T	T	T	T	T	T	T	T	T	T		T			
	SN ON GND	10	10	10	10	11	11	11	11	11	11	12	12	12	12	12	11	11	10	10	9	9	9	9	8	8	5	5	5			
Stanley	SNOWFALL		T	T	1.5	1.0						2.5																T	13.0			
	SN ON GND	18	18	18	19	20	20	20	18	18	18	20	20	20	20	20	18	18	17	15	14	14	14	14	12	10	10	10	18			
Steele	SNOWFALL		T	T	T	T	T	T	1.5			T	T											T	T	T		T	6.0			
	SN ON GND	18	18	18	18	18	18	18	19	19	19	19	19	19	19	17	15	15	13	10	10	10	9	8	6	5	5	5	11			
Upham Wildlife Ref	SNOWFALL					2.5	0.8		T		0.5	2.0											T	T	T	2.0		T	2.0			
	SN ON GND	-	-	-	-	14	15	15	15	15	15	17	-	-	-	-	-	-	-	-	-	-	10	-	9	11	11	11	13			
Velva	SNOWFALL			T	0.5	1.5	T		1.0	T		2.0	T	T										T	T			T	0.5	3.0		
	SN ON GND	11	11	11	11	13	13	12	13	13	13	15	15	15	14	13	12	12	11	10	9	9	8	8	7	6	6	7	10			
Wahpeton State School	SNOWFALL					0.5							0.5																8.0			
	SN ON GND	15	15	13	13	13	13	13	13	13	12	12	12	12	11	10	9	8	8	7	7	7	6	5	4	4	3	2	10			
Watford City	SNOWFALL			0.5					2.0			1.0																1.5	10.0			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14			
Williston WB City	SNOWFALL	T	0.3	T	T	0.1	T	0.3	1.1	T	T	1.4	T	T					T			T	T	T		T	T	2.7	3.9			
	SN ON GND	8	9	9	9	8	9	9	10	10	10	11	11	11	11	11	11	11	10	10	10	9	9	9	9	8	8	9	15			

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tablee 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 CST.

- No record in Tables 3, 4, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by an entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
+ And also on a later date or datee.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with a windshield.
6 Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.
B Adjusted to a full month.
E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T Trace, an amount too small to measure.
V Includes total for previous month.
SS This entry in time of observation column in Station Index means observation made near sunset.

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W.B.O., Kansas City, Mo. -- 5-1-51 -- 1085

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	98 08			6P	Myron J. Sata	3
Alexander RR Station	0086	McKenzie	13	47 50	103 38	1200		6P	Arthur J. Baumao	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Hopao Ramalaod	2 3 5 7
Alpha 1 S	0149	GoldenValley	7	46 37	103 49			7P	R. A. Bury	3
Ambrose	0189	Divide	12	48 58	103 28	2080		6P	Rnonld L. Baoson	3
Amenia	0196	Cass	11	47 00	97 13	960	8B	8B	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 30	103 19	2910	8A	8A	Tafield Zundel	2 S 4 5
Antler	0263	Nottineau	12	48 58	101 20	1540			W. H. Wegner	3 4
Arvilla Stete Park	0369	Grand Forks	10	47 56	97 30	960	6P	6P	Albert Thorcn	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2025	8A	8A	Soo Line Agent	2 3 4 5 7
Baldhill Dam	0450	Barnes	11	47 02	98 05	1300	dA	8A	F. A. Johoson	2 3 5
Balfour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond B. Mellor	3 4
Salte	0500	Pierce	11	48 10	100 02			6P	Nick Schaao	3
Bantry	0516	McHenry	12	48 30	100 36			6P	Temple K. Roberts	M
Beach	0590	GoldenValley	7	46 55	104 01	2814	6A	6A	Luthnr F. Hodgin	2 3 4 5 7
Belcourt Indian Res.	0626	Roletto	9	48 30	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 4 5
Belfield	0639	Stark	4	46 52	103 11	2592	7P	7P	Carl Indorgaard	2 3 5
Berthold	0729	Ward	12	48 18	101 44	2080		8P	Joseph S. Cox	3
Beulah	0766	Mercer	6	47 16	101 47	1780		7P	Knife Riv. Coal Co.	3 4
Bisbon	0796	Towner	2	48 37	89 22	1600	8P	6P	Robert J. Krick	2 3 5
Bismarck WB City	0814	Burleigh	8	46 48	100 4d	1670	9A	9A	D.S.Weathor Bureau	2 3 5
Bismarck WB Airport	0819	Burlnigh	8	46 46	100 45	1650	MID	MID	U.S.Weathor Bureau	2 3 4 5 7
Bottineau	0941	Nottineau	12	48 50	100 27	1638	8A	8A	N.D. Schl of Frstry	2 3 5 7
Bowbells	0961	Burke	12	48 43	102 15	1953	8A	8A	Felix L. Adams	2 3 5 7
Bowman Court House	0895	Bowman	3	46 11	103 23	2872	5P	5P	D. B. Hook	2 3 4 5
Breien	1052	Morton	1	46 24	100 57	1720		MID	Frank B. Pottor	3 4
Butte	1225	McLean	12	47 50	100 40	1880	5P	5P	Art F. Peterson	2 3 5
Cando	1288	Towner	2	48 29	89 12				Harry B. Harrie	3 4
Carringtoo	1380	Foster	5	47 27	88 08	1579	7A	7A	Soo Line Agent	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	3 4
Carson 2 SW	1370	Grant	4	46 23	101 35	2500	7P	7P	J. W. Evans	2 3 5 7
Cavalier	1435	Pembina	8	48 48	97 38	894	5P	5P	T. W. Thorstinson	2 3 5
Center	1456	Dliver	8	47 07	101 18	2100	7P	7P	Fred L. Helnz	2 3 5 7
Colgate	1886	Steele	10	47 14	97 38	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundnll	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	R. J. Lockner	2 3 5
Courteoay	1816	Stutsman	5	47 13	98 34	1523		5P	G. B. Hanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1954	7A	7A	Vornon V. Nichols	2 3 4 5 7
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Else	3 4
Devile L-kn W3 City	2138	Ramsey	2	48 07	98 52	1471	MID	MID	U.S.Weather Bureau	2 3 4 5 7
Dickinson CAA AP	2183	Stark	4	46 48	102 48	2587	MID	MID	U.S.Civil Aero Adm	2 3 4 5 7
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Leroy Moomar	2 3 5 6
Doonybrook	2242	Ward	12	48 31	101 27	1760		6P	William Bowman	3
Drake	2293	McHenry	12	47 55	100 22	1634	8P	8P	Paul Kuntz	2 3 5
Duno Center	2365	Duon	6	47 21	102 37	2191	6A	6A	Charles C. Neumtel	2 3 5 7
Dunseith St. Sanitarium	2385	Rolette	12	48 50	100 02	2001	5P	5P	N. D. Statn Hospital	2 3 5
Eckman	2472	Oottineau	12	48 39	101 03	1500	7A	7A	E. R. Shnrman	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1569	8A	8A	N.D. Agrl. Exp. Sta.	2 3 4 5 6 7
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1524	8P	8P	Mike Devis	2 3 5
Elbowoods	2570	McLean	8	47 35	102 09	2082	6P	6P	H. M. Case	2 3 5
Elgin 5 S	2592	Grant	1	46 21	101 49			6P	Art L. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1480	8P	8P	Paul Greee	2 3 5 7
Eppiog	2659	Williams	8	48 18	103 21	2224	6P	6P	T. Snachler	2 3 5
Esmond	2767	Benson	11	48 02	99 46	1650		MID	Lyle D. Ferlng	3 4
Fairfield 8 N	2809	Billioge	7	47 18	103 12	2850		6P	Mrs. Bdith Larson	3
Fargo WB Airport	2859	Cass	10	48 54	96 48	895	MID	MID	D S Weathor Bureau	2 3 4 5 7
Fessenden	2949	Welle	5	47 39	89 37	1810	6P	8P	John V. Zuber	2 3 5 7
Flashor	3009	Morton	1	48 27	101 14	1930		8A	George W. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		7A	Herman J. May	3 4
Forman	3117	Sargent	10	46 06	97 38	1249	6P	8P	Art Watnrman	2 3 5 7
Fort Yates	3207	Sioux	8	46 04	100 38	1640	8S	8S	Stand Rk Indian Agy	2 3 4 5 7
Foxholm Wildlife Refuge	3217	Ward	12	48 27	101 33	1609	5P	5P	U S Wildlife Refuge	2 3 5
Fryburg	3277	Billings	4	46 53	103 18	2790		7A	Herman J. May	3 4
Fullerton	3287	Dickey	5	48 10	98 25	1438	6P	6P	F. D. Alln	2 3 5
Gackle	3309	Logan	5	46 38	99 08	1951	8P	6P	Alvil Rummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	MID	MID	Albert J. Belrele	2 3 4 5
Gladstone 22 N	3446	Duon	6	47 11	102 39				Richard Bailey	3 4
Glen Ullin	3496	Morton	4	46 49	101 49	2090		MID	Frednrick J. Ashorn	3 4
Golva 1 SE	3556	GoldeoValley	7	46 47	103 57	2780		MID	U.S.Civil Aero Adm	3 4
Grafton Stete School	3594	Walsh	10	48 25	97 26	827	5P	5P	Dr. J. C. Lasont	2 3 5 7
Grand Forks CAA AP	3618	Grand Forks	10	47 56	97 05	834	MID	MID	U S Civil Aero Adm	2 3 4 5 7
Grand Forks Dniversity	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N. D.	2 3 5
Grano	3678	Kenville	12	48 37	101 35	1625		MID	Oswald H. Bjornlie	3 4
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Roble	2 3 5
Grassy Butte	3696	McKenzie	7	47 24	103 14	2680			Sam Charchnokn	3 4
Grenora	3736	Williams	8	48 37	103 56	2114	5P	5P	L. D. Nielson	2 3 5
Halny	3836	Bowman	3	48 58	103 08				J. E. Crawford	3 4
Halliday	3846	Dunn	6	47 21	102 20	2073		6P	John Kiese	3 4
Rankinsoo RR Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helen Benson	3 4
Hanoah	3936	Cavallor	9	48 59	98 41	1570	6P	6P	D B Customs Office	2 3 5
Hannboro	3963	Towner	9	48 57	99 23	1597	7P	7P	M. S. Dishor	2 3 5
Harvey Water Works	4013	Wells	11	47 45	99 53	1596		6P	H. J. Reyooldn	3
Haynes 6 NE	4073	Adams	1	46 01	102 24	2640		MID	Byron S. Sobb	3 4
Hazelton RR Station	4083	Emmons	8	46 29	100 17	1978		MID	Ephraln Zachor	3 4
Hettinger	4178	Adams	3	46 00	102 38	2680	6A	6A	Gorhard Christlanson	2 3 4 5 7
Billsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jabnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		MID	Mrs. Ruth Bucbwitz	3 4
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1497	MID	MID	U S Civil Aero Adm	2 3 4 5 7
Jamestown State Hospital	4418	Stutsman	5	46 53	98 40	1457	7P	7P	N.D. State Hospital	2 3 5
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Thoo B. Eckberg	2 3 4 5
Kensal Wildlife Refuge	4656	Stutsman	5	47 15	98 52	1440	7P	7P	U S Wildlife Refuge	2 3 5
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		7A	Leonard J. Davis	3
Kramer 5 SE	4823	Bottineau	12	48 59	100 37			MID	Paul A. Kretschmar	3 4
La Moure	4937	La Moure	5	46 21	98 18	1382	7P	7P	CLOSED - - - - -	10-24-50
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 21	1615	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	C. L. McKeen	3
Larimore	5013	Grand Forks	10	47 54	97 38	1134	5P	5P	Bennin Engen	2 3 5
Leeds	5079	Benson	2	48 17	99 26	1515	7P	7P	John Fager	2 3 5
Lefor 10 S	5088	Stark	4	46 58	102 21	2580		5P	Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1711	8P	8P	William Heyerman	2 3 5 7
Lisbon	5220	Ransom	11	46 26	97 41	1091	7A	7A	Robert M. Jodsaas	2 3 5 7
Maddock Agrl. Schnol	5434	Benson	11	47 56	99 30	1604	6P	6P	Benson Cy Agr Schl	2 3 5
Mandan Exp. Stetion	5479	Morton	4	46 48	100 54	1750	8A	8A	No G.P. Field Ste.	2 3 4 5 6
Mandan Ft. Lincoln Park	5484	Morton	5	46 47	100 52	1700	6P	6P	Park Supt.	2 3 5
Manning	5519	Dunn	6	47 14	102 46			6P	CLOSED - - - - -	4/1/50
Marmarth	5573	Slope	7	46 18	103 55	2714	6P	6P	S. P. Grane	2 3 5 7
Marmarth M D U Co.	5575	Slopo	7	46 18	103 55	2710			S. B. Jeatnes	3 4
Martin	5610	Sheridan	11	47 30	100 07	1610		6P	John M. Magouson	3
Max	5638	McLean	8	47 49	101 17	2093	7A	6P	Soo Linn Agent	2 3 5
Mayville	5660	Traill	10	47 30	97 19	975	6P	6P	E. A. Hagaz	2 3 5 7
McClusky	5710	Sheridan	11	47 29	100 29	1843	6P	6P	Elmor L. Schielkn	2 3 5 7
McGregor RR Station	5720	Williams	8	48 36	102 56			MID	Bartvin Normanson	3 4
McHenry 5 N	5730	Eddy	11	47 38	98 35	1509	8P	8P	C. S. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelson	10	47 46	98 11	1467		6P	B. H. Solefel	3
Medina 1 W	5798	Stutsman	5	46 53	99 19			6P	Rudolph Gref	3
Medora TRNKP	5813	Billinge	7	46 58	103 30	2250	5P	5P	D & Forest Service	2 3 5 7
Melville	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmeier	3 4
Minot CAA AP	5938	Ward	12	48 15	101 17	1724	MID	MID	U S Civil Aero Adm	2 3 4 5 7
Minot Exp. Farm	5993	Ward	12	48 10	101 18	1720	6P	6P	N C Agri Exp Sta	2 3 5
Moffit RR Station	6015	Burleigh	8	46 41	100 18	1760		9A	Soo Line Agent	3
Moball	6025	Renville	12	48 46	101 51	1839	9P	9P	Iver Johnson	2 3 5 7
Montpellor	6105	Stutsman	5	46 42	98 35			8A	Holf Hanson	3
Mott	6155	Hettinger	1	46 23	102 20	2420	8S	8S	Forrest S. Coffing	2 3 4 5 7

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
Munich 4 SW	6185	Cavalier	2	48 33	98 53	1580	7P	7P	Harold Feldner	2 3 5
Napoleon 1 SE	6255	Logan	6	46 28	99 45	1955	7P	7P	Gladys J. Peterson	2 3 4 5 7
New England	6315	Hettinger	1	48 33	102 52	2621	5P	5P	Adna S. Hatch	2 3 5
New Rockford	6350	Eddy	5	47 41	98 08	1555		8S	CLOSED - - - - -	10-23-50
New Rockford 7 WNW	6355	Eddy	5	47 33	99 18	1550		6P	Richard Stelnbach	3
New Salem 1 S	6365	Morton	4	48 50	101 25	2163	6P	8P	William Y. Gaebe	2 3 5
Noonan	6455	Divide	12	48 53	103 01	1960		8P	George Kontek	3
Northgate	6535	Burke	12	49 00	102 16	1950			U S Customs Station	3 4
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	dA	C. M. Hagen	2 3 4 5
Park River	6857	Walsh	10	48 23	97 45	888	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubort	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	7A	7A	U.S.Customs & Immig.	2 3 4 5 7
Petersburg	7027	Nelson	10	4d 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 07	98 31	1560	7P	7P	L. H. Dethloff	2 3 5 7
Portal	7201	Burke	12	49 00	102 33	1954	9A	8A	U S Customs Ser.	2 3 5 7
Powers Lake 1 N	7281	Burke	8	4d 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5 7
Pretty Rock	7311	Grant	1	46 11	101 51			6P	Freda Leer	3
Raub	7405	McLean	8	47 44	102 04			MID	Alvin Larson	3 4
Reeder	7450	Adams	3	46 06	102 57	2810		6P	Henry A. Donner	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2360		8A	Chas. M. Wetzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2467	5P	5P	Assumption Abbey	2 3 4 5 7
Riverdale	7535	McLean	8	47 30	101 21	1910	5P	5P	Corps of Engineers	2 3 4 5 6 7
Rolette	7855	Rolette	12	48 40	99 50	1825	MID	MID	George F. Gehres	3 4
Rolla	7664	Rolette	9	4d 52	99 37	1880	7P	7P	Thao B. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Kornstein	2 3 5 7
Ryder	7749	Ward	8	47 55	101 40	2104		9A	S. C. Schellenbaum	3 4
Seoish	7834	Mountrail	8	47 59	102 32	2035	7A	7A	H. J. Bugge	2 3 5
Sarlne	7944	Cavalier	8	48 57	99 00	1585		MID	Clarence J. Dison	3 4
Selfridge 11 W	7952	Sioux	8	46 01	101 10	2143		7P	L. E. Wilson	3
Sharon	7986	Steele	10	47 36	97 54	1516	3P	3P	Hugh Lyon	2 3 5 7
Sherwood	8047	Renville	12	49 00	101 33	1647		6P	U S Customs Service	3
Shoyenne	8057	Eddy	11	47 50	99 07	1500		MID	Pehr A. Peterson	3 4
Shield	8085	Grant	4	46 14	101 07			6P	Edwin D. Carleon	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 4 5 7
Steele	8386	Kidder	8	46 51	99 55	1857	8P	8P	Leon V. Leehnr	2 3 5 7
Tagus	8627	Mountrail	12	48 20	101 56	2178		6P	George M. Pilgard	3
Tioga	8737	Williams	8	48 24	102 58	2279		6P	L. A. Bison	3
Tolley 4 NE	8764	Renville	12	48 46	101 47			6P	Carmle Nelson	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August D. Rieder	2 3 5
Trotters	8807	GoldenValley	13	47 20	103 54	2420		5P	Walter Grunewald	3
Trotters 3 S	8812	GoldenValley	13	47 17	103 54	2420		MID	John D. Mallernoe	3 4
Turtle Lake	8840	McLean	8	47 31	100 53	1999	9A	5P	Art Klungtvedt	2 3 5
Tuttle 8 SW	8850	Kidder	8	47 02	100 04	1936		6P	Adam Lenz	3
Underwood 12 W	8877	McLean	8	47 36	101 24	1750	6P	6P	Mrs. P. W. Mattoon	2 3 5
Upham Wildlife Refuge	8913	McHenry	12	48 37	100 44	1425	5P	5P	U S Wildlife Refuge	2 3 5 7
Valley City	8937	Barnes	11	46 55	98 00	1229	6P	6P	Miss I.C.Robertson	2 3 5
Vao Hook	8970	Mountrail	8	47 57	102 21	1864	8P	9P	Erwin A. Ventsch	2 3 5
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5 7
Verona	9035	La Moure	5	46 22	98 04			10A	Louie J. Frandson	3
Wahpeton Power Plant	9085	Richland	10	46 17	96 36	962		MID	Victor Surton	3 4
Wahpeton State School	9100	Richland	10	46 18	98 36	962	5P	5P	St Sch of Scieoce	2 3 5 7
Walhalla	9155	Pembina	8	48 56	97 54	950		7P	Joseph A. Wenler	3
Washburo	9195	McLean	8	47 17	101 02	1734	8P	6P	Fred F. Jefferis	2 3 5
Washburn Water Works	9205	McLean	8	47 17	101 02	1730			Washburn Water Wks	3 4
Watauga 9 N, S. Dak.	9219	Grant	1	46 02	101 34			6P	John C. Spicer	3
Watford City	9233	McKenzie	8	47 48	103 17	2024	dP	dP	J. C. Zeller	2 3 5 7
Weathope	9333	Bottineau	12	48 55	101 01	1504	6P	6P	Rev. R. Carey	2 3 5
Wildrose	9400	Williams	8	48 39	103 10	2258		6P	Jonathan Winkjer	3
Williston WB City	9425	Williams	8	48 09	103 35	1877	MID	MID	U S Weather Bureau	2 3 4 5 7
Willow City	9445	Bottineau	12	48 36	100 17	1471	5P	5P	D. M. Sanderson	2 3 5
Wilton RR Station	9455	McLean	8	47 09	100 48	2159	dA	dA	Soo Line Agent	2 3 5
Misbek	9515	McIntosh	8	46 06	99 34	2010	dA	dA	R. M. Larson	2 3 5
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

NEW STATIONS

Bowbells 5 E	0966	Ward	12	48 47	102 08	1925	dA	dA	Development Farm	2 3 5 6
Glen Ullin 18 N	3501	Mercer	6	47 04	101 47			6P	Adam M. Feler	3
Goldon Valley 10 S	3529	Mercer	6	47 10	102 03			6P	Robert E. Backflesch	3
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14			6P	Adeel G. Crist	3
Keene	4571	McKenzie	8	48 00	102 55			6P	Donald M. Lund	3 4
Mattord City 11 E	9233	McKenzie	8	47 47	103 02			MID	Ida Peterson	3 4
Grand Rapids 1 N	3865	La Moure	5	46 29	98 21	1360	6P	6P	Albert J. Neee	2 3 5
Dowman 11 SE	0998	Bowman	3	46 04	103 19			6P	Bernard L. Donagala	3
Bowman 30 NNW	1001	Slope	1	46 35	103 31			5P	Robert L. Hansen	3
Bettinger 17N	4186	Adams	1	46 15	102 39			8P	D. J. Gerbracht	3
Scranton	7932	Bowman	3	46 09	103 09			6P	Beary M. Soehren	3

‡ Drainage Code: 1. Cannonball 2. Devile Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Sourle 13. Yellowstone

Reference notes for this issue may be found on page 33.

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Nat. Hist.
JUN 1 1951

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

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MARCH 1951

Volume LX No. 3

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KANSAS CITY: 1951

NORTH DAKOTA - MARCH, 1951

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

March was an unusually cold and stormy month which brought the worst weather of the winter to the state. It was the third coldest March of record. Although precipitation was below normal, snowfall was about average for the month. High winds kept roads almost continuously blocked in many areas. McLean and Sheridan received emergency assistance from the Fifth Army. Mild weather during tbe last week provided relief. However, floods along the Missouri tributaries brought new problems. These were most severe along the Knife River.

The mean temperature for the month was 12.3 degrees which is 12.4 degrees below normal. It is tbe coldest March since 1899 when the mean temperature was 7.5 degrees. March 1897 was also a colder month. The eastern division averaged 14.9 degrees which is 9.2 degrees below normal; the middle division averaged 10.7 degrees which is 13.6 degrees below normal; and the western division averaged 11.4 degrees which is 14.4 degrees below normal. The highest temperature of the month was 59 degrees recorded at Marmarth on the 26th. The lowest temperature was 38 degrees below zero recorded at Grenora on the 11th. This makes an absolute range in temperature of 97 degrees. The highest mean temperature for the month was 21.5 degrees recorded at Forman and the lowest mean temperature was 2.0 degrees recorded at Bowbells.

Precipitation over the state averaged 0.56 inch which is 0.22 inch below normal. The eastern division averaged 0.75 inch which is 0.07 inch below normal; the middle division averaged 0.43 inch which is 0.35 inch below normal; and the western division averaged 0.51 inch which is 0.24 inch below normal. Precipitation fell mostly as snow and varied quite widely over the state. The greatest monthly precipitation was 2.98 inches reported at McLeod, and the least monthly precipitation was a trace reported at several stations in the southwest portion. Snowfall during the month averaged 6.4 inches which is about normal. The greatest snowfall was reported at Hankinson with a total fall of 37.5 inches and the least was a trace reported at New England and Carson.

March came in on the heels of the heavy snowfall that had blanketed the southwest half of the state on February 28th. Almost immediately another storm approaching from the southwest threatened to bring another heavy snowfall to the state. Although this storm affected only the extreme soutb and southeast sections of the state there was nearly as heavy snowfall reported from several stations as occurred in the closing days of February. Hankinson, for example, reported nearly 14 inches in the first storm and 11 inches in the second one on March 3rd. As a result Marcb opened with an unusually heavy snow cover over large areas of the state. In general the northeast half of the state and the extreme southwest portion had the least snow on tbe ground. There followed a period of almost three weeks of unseasonably cold and stormy weather. Rather severe blizzard conditions prevailed on the 5th and 17th that blocked roads badly. However, there was frequent blowing and drifting snow during most of the three weeks period that kept secondary roads in the central and west central portions almost continuously blocked. This prolonged severe weather created hardships in many areas. Farmers became unable to replenish feed stocks for livestock and were unable to get to towns to obtain food and fuel for themselves. Entire towns became isolated and ran short on both food and fuel. With no relief from severe weather in sight the Governor declared an emergency to exist in Sheridan and McLean counties where conditions were worst. Tbe Fifth Army provided several "weasels" for use in tbese areas. About a week was required to relieve the situation. At many stations the first 20 days averaged colder than had ever been observed before. Mild weatbe during the last week of the month brougbt relief to all sections of the state. Tbe snow cover disappeared rapidly, especially in the southwest where some areas were almost dry enough to begin farming. Livestock came through the winter in generally good condition. Some cases of starvation resulted in the central portion. However, losses were kept pretty much at a minimum. Soil moisture appeared to be adequate throughout the state.

With the advent of mild weather during the closing week, floods along the tributaries of tbe Missouri became a problem. Flooding was not very severe along tbe Cannonball and Heart Rivers. Mandan received no flood damage due to the protective dyke system througb the city. The Knife River experienced tbe most severe floods beginning about the 29th and continuing at the end of the montb. Many families were forced to leave homes in Beulah. Highway No. 25 was under water for a time at that point. There was no flooding along tbe Missouri during this period. Minor flooding also occurred on many creeks due to rapid snowmelt.--CJS

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ACKNOWLEDGMENTS

In addition to the climatological data from eome 6,000 Weather Bureau and cooperative weather stations, thie hulletin seriee containe records from Hydroclimatic Network Btations which were formerly reproduced in the Hydrologic Bulletin Series. Tbs Hydroclimatic Network is a nationwide net of rain gagea --moetly of the recording type which produce continuoue records of precipitation. It was eetablished in 1939 at the request of the Corpe of Engineers, Department of the Army, to supplement exieting precipitation stations in order to provide recorde of rainfall inteneity which were eeesntial to the planning of flood control and related worke hy the Corpe of Engineers. This Network, now numhering ahout 2,000 recording, and 1,000 non-recording rain gagee, has heen maintained hy the Weather Bureau through working funde transferred annually to the Weather Bureau hy the Corps of Engineers. Theee transfere averaged ahout $250,000 per year hetween 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in ite work, and since 1947 the Bureau of Reclamation has transferrsd about $25,000 per year to meet the increasing needa of their program in the Weatern Btataa.

Previous to the introduction of thie bulletin eeries, data from Hydroclimat Network stetione were preeented in hulletins (Hydrologic Bulletins) wh were iesued monthly for each of 8 drainage areas embracing the entire Unit Statee, hut since the Network was eetahlieheo to meet the internal requir ments of the Federal agenciee referred to ahove, no proviaion wae made f puhlic dieeemination of the data, distrihntion heing limited to cooperati agencies and to csrtain puhlic repoeitoriea. A list of locations where re erence copiea of the Hydrologic Bulletin Series are available for inspecti may he ohtained upon application to Chief, U. S. Weather Bureau, Washing 25, D. C.

Many other records published in thie hulletin have heen made available throu the cooperation of various puhlic offices, private agencies, and individu as listed in the Btation Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
ismarck WS Airport	NW	24	11.8	57	W	5	81	83	77	79	11	7	1	0	0	0	19	65	8.7
evils Lake WB City	-	-	10.5	30	W	5	-	-	-	-	14	8	2	0	0	0	24	54	7.4
argo WB Airport	NNW	22	16.0	42	W	5	81	81	75	79	7	12	2	0	0	0	21	52	7.6
llliston WB City	-	-	8.2	42	W	5	77	77	66	68	15	6	0	0	0	0	21	67	8.4

COMPARATIVE DATA

able 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
892	24.2	66	-35	0.83	1.9	4
893	13.9	68	-35	0.95	10.0	5
894	24.8	69	-22	1.45	10.1	5
895	23.2	75	-35	0.17	1.0	2
896	15.7	70	-35	1.13	8.0	8
897	11.9	58	-48	1.36	8.0	7
898	21.3	79	-24	0.79	6.7	5
899	7.5	72	-30	0.96	10.0	5
900	20.3	77	-24	1.01	8.5	5
901	25.3	85	-32	0.86	5.2	5
902	27.4	65	-25	2.73	11.7	8
903	22.1	80	-24	0.55	5.1	3
904	18.2	64	-26	1.41	11.5	5
905	32.5	81	-25	0.75	2.3	4
906	18.5	67	-34	0.38	3.1	3
907	23.1	83	-20	0.72	5.1	4
908	21.1	68	-31	1.21	12.1	8
909	24.0	61	-24	0.33	2.7	4
910	41.3	90	- 7	0.94	0.3	3
911	30.6	78	-18	0.23	1.6	2
912	15.4	65	-28	0.37	3.6	3
913	17.2	70	-31	0.85	8.2	6
914	25.5	76	-20	0.88	9.2	5
915	22.9	63	-23	0.22	2.0	2
916	20.3	69	-45	1.42	13.5	6

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1917	22.2	67	-39	0.38	3.9	3
1918	35.0	82	-15	0.40	2.9	2
1919	17.8	67	-35	0.78	6.2	4
1920	22.4	67	-32	0.83	7.1	4
1921	25.2	75	-22	0.97	9.1	6
1922	25.8	60	-30	0.71	6.4	4
1923	18.3	65	-35	0.38	4.8	4
1924	22.5	58	-20	0.48	4.4	4
1925	27.4	75	-26	0.68	6.0	4
1926	25.8	83	-23	0.24	1.8	3
1927	30.4	77	-10	0.72	6.5	5
1928	28.1	85	-17	0.52	4.8	3
1929	30.5	77	-15	0.78	5.3	5
1930	26.1	62	-17	0.09	0.9	1
1931	25.7	63	-24	0.94	4.8	5
1932	18.9	64	-30	0.64	6.0	6
1933	28.5	70	-14	0.45	3.7	3
1934	26.3	74	-12	0.49	3.6	4
1935	26.3	75	-37	1.26	7.0	5
1936	25.4	61	-27	0.81	8.1	6
1937	24.8	72	-20	0.39	4.3	3
1938	33.1	72	-14	0.59	2.5	4
1939	23.3	81	-29	0.39	5.3	3
1940	23.1	64	-26	0.87	9.1	7
1941	24.5	68	-25	0.58	6.8	5

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1942	30.0	66	- 8	1.83	12.8	9
1943	17.0	77	-30	1.23	14.8	7
1944	16.7	53	-25	0.81	10.2	8
1945	33.3	77	-27	1.34	2.4	8
1946	34.8	86	-22	0.99	2.9	5
1947	22.3	66	-23	0.34	4.1	6
1948	17.6	64	-40	0.45	5.4	5
1949	21.9	55	-22	0.60	5.7	5
1950	19.2	59	-31	1.38	12.9	7
1951	12.5	59	-38	0.57	6.4	6
Period	23.5		-	0.79	6.2	

CLIMATOLOGICAL DATA

ble 2

Station	Temperature									Precipitation								
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	No. of days: Max. 90° or above	No. of days: Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail: Total	Snow, Sleet, Hail: Max. depth on ground at obsn.	Snow, Sleet, Hail: Date	No. of days: .01 or more	No. of days: .50 or more	No. of days: 1.00 or more
EASTERN DIVISION																			
enia	17.6	- 7.1	48	27	-16	9	1468	0	31	1.15	.39	.41	1	12.0	12	3	6	0	0
villa State Park	17.2		51	27	-20	9	1477	0	31	.66		.33	10				6	0	0
rrington	10.7	-13.0	43	27	-18	9		0	31	1.10	.41	.53	6	16.8	13	6+	3	2	0
valier	13.5M	- 7.5			-18	9	1592	0		.53	- .23	.23	19				3	0	0
perstown	14.5	- 9.8	47	27	-20	9	1559	0	31	.42	- .29	.15	10				4	0	0
vils Lake WB City	12.0	- 7.8	45	27	-20	9	1641	0	31	.54	- .24	.19	16	6.8	12	10+	10	0	0
geley Exp Farm	12.5M	-14.8	42	27+	-21	9		0	31										
more 1 W	12.8	- 8.3	43	27	-21	9	1613	0	31	.12	- .57	.04	1+	1.6	15	1+	4	0	0
lendale	17.1	-10.1	48	26	-16	9	1481	0	30	.86	- .09	.31	3	11.3	17	3+	9	0	0
rgo WB AP //	15.8	- 6.9	43	27	-18	9	1523	0	31	.85	- .16	.32	10	11.5	15	11+	14	0	0
rman	21.5M	- 4.5	52	26			1339	0											
llerton	16.2	-10.9	47	26	-17	9	1507	0	30	1.01	- .05	.66	3	10.1	15	3+	4	1	0
ckle	13.3	-12.0	45	27	-20	9	1599	0	31	.19	- .66	.08	7	2.1	15	7+	4	0	0
afton State School	17.3	- 4.4	52	27	-17	9	1476	0	31	.69	- .01	.20	10	6.9	5	10+	8	0	0
and Forks CAA AP //	16.7	- 5.8	49	27	-12	9	1493	0	31	.70	- .08	.26	10	8.8	7	11	9	0	0
and Forks Univ	17.4	- 5.1	48	27	-11	9	1468	0	31	.68	- .11	.21	10	9.5	8	10+	12	0	0
and Rapids	16.3		50	27	-22	9	1503	0	31	.65		.24	3	8.5			6	0	0
kinson R R	16.2	-12.4	50	26	-17	9		0	31	2.67	1.85	.85	1	37.5	32	17	7	3	0
nnah	10.7	- 8.5	44	27	-24	9	1680	0	31	.25	- .47	.10	16	3.4	7	10+	6	0	0
llsboro	16.8	- 8.5	42	28	-18	9	1490	0	31	1.22	.46	.48	1	15.4			9	0	0
nestown CAA AP //	12.9	-11.5	45	27	-21	9	1609	0	31	.86	- .04	.42	16	10.6	14	3+	9	0	0
nestown State Hosp.	14.3	-10.1	45	27	-19	9	1565	0	31	.31	- .59	.18	3	4.8			5	0	0
sal Wildlife	13.3M		45	27	-20	9	1600	0	31	.27		.10	25	3.9			6	0	0
gdon Exp. Farm	11.6	- 8.2	42	27	-24	9	1652	0	31	.66	- .12	2.0	6	6.5			7	0	0
rimore	16.8	- 5.9	50	27	-15	9	1489	0	31	.38	- .43			4.8			4	0	0
sbon	13.7	-13.6	50	27	-23	9		0	31										0
vills	16.6	- 8.1	49	27	-14	9	1498	0	31	.64	- .05	.18	10	7.7	7	10+	8	0	0
Henry 5 N	12.0	-11.0	42	26+	-21	9	1640	0	31	.34	- .35	.14	16	3.0	17	1+	8	0	0
Leod 3 E	15.8M	-12.0	45	27+	-22	9	1522	0	31	2.98	2.20	.55	17				8	1	0
ich 4 SW	11.3		40	27	-23	9	1659	0	31	.28		.10	10+	3.4	9	10+	4	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Tabls 2—Continued

Station	Temperature									Precipitation									
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
Oakes	15.0	-12.7	48	27	-17	9		0	31	.96	- .16	.35	1		13	3+	4	0	0
Park River	17.4	- 5.4	51	27	-13	6	1470	0	31	.20	- .46	.09	10	1.7	5	10+	5	0	0
Pembina 2 N //	14.0	- 4.4	47	26	-15	8		0	31	.29	- .51	.10	10				5	0	0
Pstersburg	14.3		47	27	-18	9	1568	0	31	.52	- .21	.13	10	5.6	10	1+	6	0	0
Sharon	15.0	- 9.2	47	27	-17	9	1542	0	31	.44	- .18	.20	10	6.5	10	10+	5	0	0
Valley City	16.0	-10.3	49	27	-20	9	1514	0	31	.51	- .28	.20	3	5.6	10	16+	7	0	0
Wahpeton State School	16.9	-10.7	42	28	-22	9	1486	0	31	1.41	.69	.21	11	18.5	15	12+	13	0	0
DIVISION	14.9	- 9.2								.75	- .07			8.7					
MIDDLE DIVISION																			
Ashley //	13.6	-11.3	50	26	-21	9+	1588	0	31	.23	- .60	.08	16	4.5	18	8+	5	0	0
Belcourt Indian Res.	10.7		48	26	-29	9	1676	0	31	.37		.15	16	4.8	18	25	6	0	0
Bisbee	11.1	-11.4	41	26+	-21	1+	1868	0	31	.49	- .22	.26	6	3.8	15	16+	3	0	0
Bismarck WB City	11.6	-13.6	49	27	-24	9		0	31	.49	- .38	.31	1	6.4	15	1+	10	0	0
Bismarck WB AP	10.7	-11.2	47	26	-25	9+	1680	0	31	.28	- .61	.14	5	3.8	14	1+	8	0	0
Bottinsau	6.0	-14.8	42	27	-25	9		0	31	.64	- .03	.18	17	7.4	13	17+	9	0	0
Butte	12.6M	-13.8	46	26	-20	9	1612	0	31	.09	- .73	.04	16		7	1+	3	0	0
Carson 2 SW	14.0	-13.0	52	26	-20	8+	1577	0	31	T	- .86		4+	T	13	1+	0	0	0
Center	9.5	-17.0	48	26	-25	2+	1721	0	31	.06	- .67	.06	22	1.1	22	1+	1	0	0
Drake	9.8M	-14.9	45	26	-37	7	1706	0	31	.30	- .40	.20	1				2	0	0
Dunnsith St. Sanitarium	11.3M	- 9.2	44	26+	-26	6	1661	0		.40	- .22	.12	25	3.0	10	16+	5	0	0
Fort Yates	15.1	-12.1	53	26	-26	9	1543	0	30	.17	- .64	.12	2	4.0	19	7+	3	0	0
Foxholm Wildlife	9.8	-15.8	47	26	-26	9	1710	0	31	.45	- .27	.18	5	9.0	14	6+	5	0	0
Garrison	8.9	-15.5	45	26	-21	2+	1736	0	31	.27	- .52	.18	16	3.0	25	1+	4	0	0
Granville	9.5M	-15.0	41	27	-25	9	1726	0	31	.51	- .03	.25	16	5.5	25	16+	4	0	0
Bansboro	11.3M	- 9.4	45	26+	-25	9	1659	0	31	.28	- .60	.09	16	3.7	13	10+	5	0	0
Lseds	11.5M		44	26	-24	9	1661	0	31	.84		.25	16	10.4			10	0	0
Linton	14.7	-13.3	51	26	-21	9	1554	0	31	.08	- .70	.03	2+	1.0	16	2+	3	0	0
Maddock Agr. School	11.4	-12.9	42	26	-23	9	1657	0	31	.66	.02	.19	16				6	0	0
Mandan Exp Sta.	10.8	-16.0	47	27	-21	9+		0	31	.40	- .44	.26	1	5.7	20	1+	8	0	0
Mandan Ft. Lincoln Park	13.9		51	26	-24	9	1581	0	31	.11		.06	23	.8	19	1+	3	0	0
Max	8.9	-15.6	44	26+	-23	8	1744	0	31	.53	- .21	.17	5	9.0	23	9+	7	0	0
Mc Clusky	10.6	-15.6	43	26	-20	2+	1684	0	31	.30	- .48	.11	19	2.0	21	1+	6	0	0
Minot CAA AP //	9.9	-13.7	44	26	-21	9	1665	0	31	.69	.08	.21	16	8.6	12	16+	7	0	0
Minot Exp Farm	10.2		42	26	-22	9	1697	0	31	.41		.17	16	3.7	10	10+	11	0	0
Moball	7.2M	-14.3	37	26	-28	9	1792	0	31	.85	.14	.24	10	11.6	39	17+	9	0	0
Napoleon 1 SE	11.5	-11.8	43	27	-24	9	1657	0	31	.46	- .41	.10	3	8.7	14	20+	10	0	0
New Salem 1 S	12.3	-13.9	45	26	-21	7+	1628	0	31	.35	- .35	.08	10+	4.9	17	5+	7	0	0
Pettibone	11.9	-12.5	40	26+	-19	2	1642	0	31	.36	- .27	.13	16	3.5	14	1+	11	0	0
Riverdale	9.7		46	26	-22	9	1711	0	31	.62		.34	16	3.8	20	1+	10	0	0
Rolla	11.5M	- 9.7	45	27	-24	9	1656	0	31	.55	- .35	.14	25	7.0			8	0	0
Rugby	10.3		40	26	-22	9	1694	0	31	.64	- .05	.22	6				10	0	0
Steele	9.7	-14.8	47	27	-25	10	1714	0	31	.12	- .60	.06	1+	2.0	13	3+	2	0	0
Townsr	10.3	-12.3	45	26	-25	9	1694	0	31	.47	- .31	.22	24	7.4			3	0	0
Turtle Lake	9.2M	-16.0	43	26	-25	9	1719	0	31	.72	- .09	.67	6	6.5			2	1	0
Underwood 12 W	9.8	-19.1	48	26	-29	9	1709	0	31	.37	- .37	.13	16	6.0			5	0	0
Upham Wildlife	9.0M		45	26	-30	9	1747	0	31	.61		.21	16	6.6	19	16+	6	0	0
Velva	11.6	-13.7	47	26	-24	9	1654	0	31	.44	- .15	.15	16	6.8	14	7+	7	0	0
Wasbburn	13.2M	-12.3	49	26			1602	0	31									0	0
Westhops	6.9M	-15.6	40	26	-29	9	1800	0	31	.75	.16	.24	16	11.5	28	17	6	0	0
Willow City	8.8	-11.3	46	26	-29	9	1741	0	31	.37	- .37	.17	25	4.5	10	1+	3	0	0
Wilton R R Station	7.4M	-17.6	43	27	-22	6+		0	31	.63	- .14	.47	1	7.6	30	20+	4	0	0
Wishek	10.7	-15.4	46	27	-23	9		0	31	.53	- .28	.29	1	8.7			9	0	0
DIVISION	10.7	-13.6								.43	- .35			5.5					
WESTERN DIVISION																			
Almont 7 SW	13.6		51	26	-19	8	1589	0	31	.22		.13	6	2.2	18	6+	5	0	0
Amidon	15.9	-12.3	57	27	-23	8		0	31	.25	- .50	.15	3	4.0	11	3+	3	0	0
Beach	14.2	-13.4	55	27	-21	8+		0	31	.10	- .65	.05	14+	2.0	5	1	2	0	0
Belfield	14.8M	-12.7	56	27	-22	6	1574												
Bowbells	5.1	-16.4	42	27	-25	9+		0	31	1.63	1.06	.49	6	17.8	29	17+	9	0	0
Bowbells 5 E	2.0M				-26	9+		0		1.37		.67	17				7	1	0
Bowman Court Bouse //	18.1M	-10.2	57	26	-21	8	1436	0	31						9	6			
Crosby	7.3M	-16.5	43	26	-29	12		0	31	.42	- .26	.15	16		25	10+	6	0	0
Dickinson CAA Ap	13.6	-11.9	35	26	-20	8	1589	0	31	.26	- .44	.14	16	1.6	10	14+	7	0	0
Dickinson Exp. Station	12.9	-12.6	56	27	-22	2		0	31	.15	- .55	.10	16	1.5	9	1+	6	0	0
Dunn Center	6.6	-19.4	47	27	-29	2		0	31	.20	- .55	.05	1+	4.2	19	1+	6	0	0
Elbowoods	9.1M	-17.1	46	26	-29	2+	1731	0	31						14	16+			
Epping	10.6M	-16.4	43	26	-27	8	1681	0	31	.60	.03				33	5	6	0	0
Grenora	9.9	-12.5	40	27	-38	11	1703	0	31								4	0	0
Bettinger	17.5	-11.4	55	26	-19	7	1467	0	30	.19	- .47	.11	23						
Kenmare	6.6	-16.6	45	27	-26	9		0	31	2.13	1.48	.60	6				11	2	0
Marmartb	17.6M	-11.2	59	26	-22	8+	1457	0	31	.28	- .45	.10	16	5.2	6	2+	7	0	0
Medora T R N M P	17.1		52	21+	-28	11	1482	0	31	.13		.08	16	3.0	11	1+	3	0	0
Mott	15.2	-12.4	58	26	-22	12	1540	0	31	.20	- .66	.07	3	3.1	13	3+	4	0	0
New England	16.7	- 9.4	58	26	-18	1+	1496	0	31	T	- .81		2+	T	9	1+		0	0
Parsball	8.3	-17.0	46	26	-29	2+	1752	0	31	.56	- .02	.18	16	6.5	20	17+	8	0	0
Portal	5.1M	-13.3	40	27	-28	9		0	31	.76	.15	.25	1	7.7	22	17+	5	0	0
Powers Lake 1 N	6.9M	-18.6	47	26	-32	12	1710	0	31										
Richardton Abbey	14.7	-12.5	54	26	-20	8	1556	0	30	.22	- .50	.08	16	2.0	15	1+	6	0	0
Sanisb	7.6	-17.2	48	27	-27	12+		0	31	.84	.26	.22	1				8	0	0
Stanley	6.4M		42	26	-27	9	1817	0	31	1.20	.56	.38	16	17.0	26	18+	7	0	0
Van Rook	8.5M		44	26	-27	2+	1749	0	31	.33		.10	16	6.4	22	9+	6	0	0
Watford City	12.1	-14.1	51	26	-23	6+	1638	0	31	.37	- .32	.12	6				6	0	0
Williston WB City	10.8	-12.1	47	26	-24	12	1680	0	31	.26	- .43	.08	10	2.6	15	1+	6	0	0
DIVISION	11.6	-14.2								.53	- .22			5.1					
STATE	12.5	-12.2								.57	- .21			6.4					

See reference notes following Station Index.

Table 3

DAILY PRECIPITATION

NORTH DAKOTA
MARCH 1951

Station		Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADAMS 7 S			.07			.30	.29			T	.11						.28	.02	T	T										T	T		1.07
ALEXANDER R R STA						T	.05	T	.03		.05			T	.04		.03	.05									T					.25
ALMONT 7 SW			.03	.01		T	.13	T			T				.03		T							.02							.22
ALPHA 1 S				T		T		T		T			T			r	T	T													T
AMENIA		.41		.14				.11			.20						.16													T	.13	1.15
AMIDON				.15					T		T				.05		.05							T								.25
AMIDON	R		*	.15										.05			.13					.05										.38
ARVILLA STATE PARK		.09		T		*	.61	*	*	*	*	*	*	*	*	.68	.35	.05		.13	.03		.45					.04					4.12V
ASHLEY			T	.07				.02	.02		.33	T					.11		T	.05	.06									T	T	.66
ASHLEY	R		.06	.01				.03	.01								.06								.03							.23
BALFOUR	R		-	-	-	-	-	-	-	-	-	-	-	-	-	-	.09	-	-	-	-	-	-		.03							.23
BANTRY						.03											-															-
BEACH									T		T				.05	T	.03	T		.10												.16
BEACR	R													.07			.05							T				T	T			.10
BELCOURT INDIAN RE		.04				T	.06	T		.02	.04						.07																.14
BELCOURT INDIAN RE	R	.04				.07				.01	.04						.15									.06							.37
BELFIELD			-					-						T	T		.13								.04	.03						.36
BERTHOLD						.06	.14	.03			.05				.01		.28						-									-
BEULAH															.02		.16							.21				.03				.89
BEULAH	R														.02		.07							.04								.13
BISBEE							.26	T		.12				.01	.02		.12						.03									.18
BISMARCK WO CITY		.31		.01			.01	T	.02		.02			.01	.01		.11	T														.49
BISMARCK WB AIRPORT	R	T	.04	T		.14		.01		T	.02				.01		T		T	T	T			.05	.01	.01		T			T	.49
BOTTINEAU		.06	.01				.12	.01	.05		.03	T					T	T	T	T			.01	.03	.02			T				.28
BOWBELLS		.32					.49	.06	.04		.14				T		.17	.35	.02		.01			T	T	.17		T	T				.84
BOWBELLS 5E		*	.11					.43	T	.OR					T		.03	.67	T										.04				1.63
BOWMAN COURT HOUSE			T	-			T	T		T					T		.03							.05				T				1.37
BOWMAN COURT HOUSE	R//		.04														.03							T								-
BOWMAN 11SE			T	T					T						-		.10						.03	.03								-
BOWMAN 38NNW								T							.03		.06	T					.08	.12				T				.29
BREIEN	R		-	-	-	.02		.05			.05			T			.08						T									.08
BUTTE						.03	.02	T										-	-	-	-	-	-	-									-
CANDO	R					.08	.32	.01	.02	.02	.02						.04	T						T	T			T					.09
CARRINGTON		.52					.53			T							.29																.76
CARSON	R		.10	.01											.03			.05						T	T								1.10
CARSON 2 S W					T	T		T		T	T			T			T						.OR	.03					T			.25
CAVALIER											.20						.10			.23				T								-
CENTER																	T						.06									.53
COLGATE		.30										.12																					.06
COLUMBUS						.09		.11		.07		.04					.21	.10											.10				.52
COOPERSTOWN		.10				T			.07		.15						.10		T	T	T							.13					.75
COURTENAY		.01		.15				.26	.20		.08						.07	T						.03	.10								.42
CROSBY		T				.08	.02	.05	T		.10			T	T		.15							T				.02					.90
CROSBY	R			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.42
DAWSON	R		.08	.02							.03						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVILS LAKE W B CITY	R	.04	T			.09	.13	.01	.01	T	.03			T	T	T	.19	T	T	.01	.01	T	T	T		.02		T	T	T	T	T	.54
DICKINSON CAA			T	T	T	T		.01		T	.01		T	.02	.04	.01	.14	T	T	T			.03	T				T				.26
DICKINSON CAA	R							.01			.01			.02	.04	.06	.09						.03									.26
DICKINSON EXP STA		.01		T		T	T	T	.01		T				.01	.01	.10	T	T	T	T			.01				T		T		.15
DRAKE		.20							.10								T															.30
DUNN CENTER		.05					.01		T		.04				.02		.03	.05	T	T				T								.20
DUNSEITH ST SANITA		.02				T	.10		.07	T							.09	T								.12						.40
EDGELEY EXP FARM		-		.25			.03	.03						T	T		T			T	.07		T			.02						-
EDMORE 1 W		.04				T	.04		.01		.03						T						T			T			T				-
ELBOWOODS						-											.20																.12
ELGIN 5S			T			T		T		T	T						T	T	T	T			T	T				T					-
ELLENDALE		.02	.09	.31				.21	T	*	.05				T	T	.01	T							.03	.11				T		.03	T
EPPING						*	.13			*	.13							*	.34													.86
ESMOND	R					.07	.OR	.03									*	*	*	*	.13				.05	.03							.80
FAIRFIELD 8 N								T							.05		.14	T															.39
FARGO WB AIRPORT	R /	.02	.02	.07		T	T	.14	T		.32	.01	.01	T			.06	.01	.03	.04	.04			T	T								.19
FASHER		.03					.04				T				.02									.07	T			T		T	.03	.05	.85
FAXTON		.03				.17											.20		.30					.08			.20						.16
FORMAN			T	.65				-		.06		-	-					-						-									1.04
FORT YATES			.12					.02							T		T		T				T	.03	T		T			•	.16	-
FORT YATES	R		.12					.02																.03								.17
FOXHOLM WILDLIFE R		T				.18	.12	T		T					T		.09							.02								.17
FTBURG	R					.03		.03			.02			.03	.02		.24										.04	T					.45
FULLERTON			T	.66				.03			.30						T			T				.02							T	.37
GACKLE			.05	.01			T	.08			.05						T			T	T		T	T						T	T	1.01
GARRISON						T	.07	.01			.01				T		.18						T	T	T					T	T	.19
GAOSTONE 22N	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.27
GEN ULLIN	R		.03	-	-	-	-	-	-	-	-	-					.03						.02	-	-	-	-	-	-	-	-	-	-
GLEN ULLIN 10S		.10	T					T	T	T	.14						T	.11	T														-
GLYA 1SE	R																												T				.35
GRAFTON STATE SCHO		.08			T		T	T	.04		.20	.05		.03	.01		.03																.07
GRAND FORKS CAA		.05	T	.04	T	T	T	.02	T	T	.26	T					.05		T	.18	.08									T	.01	.69
GRAND FORKS CAA	R//	.05		.01				.02			.26						.08	T	.06	.10	T									T	.04	.05	.70
GRAND FORKS UNIV		.09		.04		T		T	.01		.21	.03					.08		.07	.10										.04	.05	.71
GRAND RAPIDS 1N		.04	T	.24				.09			.20						.06	.03	.02	.08	.01									T	.01	.09	.68
GRANO	R//		-	-	-	-	-	-	-	-	-	-	-	-	-	-	.06	-	-	T	T			T	.02								.65
GRANVILLE		.07				T	.15	-	-	-	.04	-	-	-	T	-	.25	T	-	-	-	-	T	T	-	T	-	T	-	-	-	-	-
GRASSY BUTTE	R			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.51
GRASSY BUTTE 10N																																	-
GRENORA						.20	-	.14		.07					.04	.05	.10	.10	.20	.05													.75
GRELEY	R		.08											.02									.04	.02									-
GULLIOAY						.06				T	T				.04		.11		T	T			T	T									.16
GULLIOAY	R					.05								.03	.01		.11																.21
HANKINSON H R STA		.85		.55		T			.20			.11	.64					.08		T	T			T		T					.24		.20
HANNAFORD	R	.01	.05		-	-	-	-	-	-	-	-					.30																2.67
HANNA8		.03					.05	.02		.01	.04						.10	T		T	T												-
HARSBORO					-	T	.07			*	.09						.09			T													.25
HARVEY WATER WORKS																									.03								.28
HAZELTON R R STATION	R//		.05	.06		.02											.07			.05				.03	.02	.04						.04
HETTINGER			.02	.03																			.03	.11									.30
HETTINGER 19N			.05			T		.01		T					.04	T	.01						T	.05				T					.19
HILLSBORO		.48		.12				.09			.10		T				.08	T	T	.02	.02				T			T					.16
HOSFIELD	R					.05		.02	.02								.15		.03	.26	.13		.05						T	.03	.28	1.22
JAMESTOWN CAA		T	.02	.19		T		.05			.07			T	T		.42		T	.02	T			.01	.02	.06		T		T	T	T	.71
JAMESTOWN CAA	R//		.13	.40				.05			.07						.42			.02					*	.19							.86
JAMESTOWN STATE HO		T	T	.18		T		.03			.02	T					.05		T	T	T			T	.03	T		T			T		1.28
JUNE					T	.25	T	.13	T	T	.08				.09	T	.28	.45													T		.31
KENMARE		.57					.60	.05	.18	*	.10						.25	.10	.10	.10	.08												1.28
KENMARE	R					.15	.18	.05		.05	.03			.03			.35		.03	.10													2.13
KILLSAL WILDLIFE RE		.02				T	.07	T	T	.02	T						.04		T	T	T			T									.97
KILLDEER 8NW		.08		T				T			.07				.05		.20	.18						T	.02	.10				T			.27
KINGDON EXP FARM		.06					.20	T	.07		.05						.12	T	T	.07	.09													.58
KINMORE		.10					.03	T	T		*	.25																					.66
KOS		.07				.04	.14	.05		.02	.06						.25	.02			.02				.17	T							.38
KOR 10E			T			T	T	T	T	T	T						T		T	T			T	.07					T			.84
KSTON			.03					.03			T																						.07
LEBON		.26		-								.12						T			T							.02					.08
LIDDOCK AGR SCHOOL		.10				T	.10	T	.10		.08						.19	T		T	.10				.10					.10		-
LIDAN EXP STATION		.26		.01			.01		.01		.04	T		T	.01	T	T	T	T	T	T			.04	.02	T		T					.66
LIDAN EXP STATION	R			.01			.01		.01		.04				.01		.02						.02	.03									.40
LIDAN FT LINCOLN		T	T				T	T			T						T	T	T	T				.06	.01			.04					.15
LIMARTH			.08		.02			.02						.02			.10	.02					.02	T									.11
LIMARTH M O O CO	R		.07											.08			.03						.09	.01									.28
LISTIN		T						.08		T							T																.28
LIVE					T	.17	T	.06	.03	.03				T		.07	.12		T	.05			T										.08
LOCUSKY		.09		.07				.07	T		.18	.02					.08	T	T	.04	T			T									.53
LOHENRY 5 N						.05	.02			.02	.02								.08	.11										T	.09	.64
LOLEOO 3 E		.06				T	.04	T	.01		.02						.14		T	.02	.03				.02					T			.30
LONEVILLE		.29		.45				.49	.30			.37						.55		.16													.34
LONA 1 W		.08						T	.06		.05						.05		T	.04									T	.37		2.98
LORA T R N M P						T		T.		T							T			T	T				.13			T				.28
LVILLE	R	.02						.01	T					T	.04		.08						T										.13
LOT CAA		T	T			.10	.10	.04	T		.07				T		.09								.03	.07							.13
LOT CAA	R//	.02				*	.20	*	.04		.07				.02		.21	T		T			T	.06				.11		T			.21
LOT EXP FARM		.02				.02	.04	.01	.01	.01	.02						*	.21					*	.06				.04	.05				.69
LOFIT RR STATION										T			T				.17	.03		T			T	.02				.06					.71
LMALL		.03				.09		T		.04	.24				.02		.21	T		T			T			T							.41
LMTPELIER		.30		.08			T		.05	T		.03					T	.02		T	.01	T		.02				.08					-
LNOT			T	.07				T		T	.03				.05			T	T	T				.01	T	.05				T	T	.85
LNOT	R		.05								.03			.05										.05				T				.55
LOLEIC8 4 SW		.02				T	.06	T		T	.10						.10			T					.02	T							.20
LOLEON 1 SE		.08	T	.10		T		.06	.03	T	.02			T	T		.06	T	T	.04	.02	T		.02	.03			T					.15
LOLEON 1 SE	R	.02	.03	.02				.05	.03								.06			*	.06			*	.05								.28
																																	.46
																																	.32

See reference notes following Station Index

DAILY PRECIPITATION

Table 3—Continued

Station		Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND			T						T						T		T							T						T		T
NEW ROCKFORD 7WNW		.09				T	T				T		T				.06	T	T	T	T								T	T		.1
NEW SALEM 1 S			.02			.02	.06			T	.08						.07		.02					.08								.3
NOONAN						.13	.05	.05			.10						.20	.35													T	.8
OAKES		.35		.27					T			.27					T							.07								.9
OAKES	R	.02	.17	.10				.04			.15													.05								.5
PARK RIVER		.07			T		.01	T	.01		.09						.02		T	T								T		T		.2
PARSHALL						.12	.04	.04		T	.07						.18	.09	T					.01				.01				.5
PEMBINA 2N						T		.02			.10						.09	.01		.07		r				T						.2
PEMBINA 2N	R //							.03		.02	.14						.10			.07												.3
PETERSBURG							.07	T	.02	T	.13						.07		T	.12	.11											.5
PETTIBONE		.03		.02				T	.01		.01						.13		.01	.05	.01			.02	.05	T		.02				.3
PORTAL		.25					T	.15	T						T		.05	.14						T					.17			.7
POWERS LAKE 1N						-	-	-	-								.25	-	-			T	T									.3
PRETTY ROCK		T	.10	.05				•	•	.18														.04				T				.3
RAUB	R /	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						.8
REEDER		.49													.02									.06			.05					.0
REEDER 14N				T			T		.04	.01	.01				T									.03								.2
RICHARDTON ABBEY			T			T	.03	.01	T		.03				.03	T	.08	T	T					.04				T				.3
RICHAROTON ABBEY	R					.03		.02		.03	.03			.03	.02		.10						.03	.01								.6
RIVERDALE		.01					.03	.11		.04	.02				.02		.34	.02	T	T			T	.01	.02							.6
RIVERDALE	R	.01				.11	.02	.06		.04	.04				.02	.05	.23	.03					.01	.05								.5
ROLETTE	R	.04				.17	.15	-	-	-	-	-					.34								.02	.03						.5
ROLLA		.03				T	.13	.03	.02	.02	.05						.13	T					T	T		.14				T		.6
RUGBY		.06				.03	.22	.05			.04				T		.10	.02	T	T	.02			.08					.02			.4
RYDER							.07		.15		.02			.05			•	.20						T								.3
RYDER	R					.07		.02			.04			.04			.20							.05								.8
SAMISH		.22					.20			.05	.08				.01		.07	.16						T								.1
SCRANTON			.10	T		T		T		T	T		T	T	T	T		T	T				T		T							.1
SELFRIDGE			.20					.10							.10		.25	T	T					.20								.6
SHARON		.09				T	T	.02			.20						.03		T	.10								T		T		.4
SHERWOOD						.08	.04	.04	.06		.05				.01		.04	.04						T				.12				.4
SHIELDS			•	.31				T	.12					T										T								1.2
STANLEY		T			T	.10	.04	.12	.08								.38	.30	.18					T	T							.1
STEELE		.06	T	.06		T	T				T						T		T	T				T								.1
TAGUS		.05				T	.18	T			.12				T		.35	.09	T	T				.03				T				.4
TIOGA						.05	T										.02							T				T				.4
TOLLEY 4NE		T				.05		T			T						T	T						.02								.4
TOWNER							.06										.19									.22	T					.4
TROTTERS	R					T		.03		.02	T			.02			.09	T	T				T					T	T			.4
TROTTERS 3S		-	-	-	-	-	-	-	-	-	-	-	-	.06			.04															.4
TURTLE LAKE		.05				T	.67				T						T	T	T									T				.4
TUTTLE 8 SW		.05				.02	.13	.01	.04	.08	.02						.24	T	.05	.10	T			.01	T		.02					.4
UNDERWOOD 12 W		.06	T		.07	.05	T	T	T	T					.06	T	.13	T			T		T	T								.4
UPHAM WILDLIFE REF						.07	.10	.05			.07						.21							T		.11						.4
VALLEY CITY				.20				.02			.15						.08		T		.02			.02						T	.02	.4
VAN HOOK						.07	.04	.02			.08					T	.10	T	T					.02								.4
VELVA		.08				.01	.11	.05			.03				T		.15		T	T				.01				T	T			.4
VERONA		.18							-			.21													-	-						.4
WAHPETON POWER PLANT	R	.02	.15	.08		-	-	-	-		.30	.06					•	•	•	.16	-	-	-	-	-	-	-	-	-	-	-	.4
WAHPETON STATE SCH		.1R	T	.17				.14	.03		.16	.21	.07				.03	.17	.04	.02	.03									T	.16	1.4
WASHBURN				-	-	-	-										T	T	T					.04	T							.4
WASHBURN WATER WKS	R	-	-	-	-	-	-	-	-	-	-						.02						.02	.01								.4
WATAUGA S OAK 8N			T			T		T							.04								.08					T				.4
WATFORD CITY							.12		.04		.02						.05	.10										.02				.4
WATFORD CITY 11E	R					.18	.06	.07		.04	.04			.03			•	•	.53									T				.4
WESTHOPE						.15		.06			.12						.24	.08							.10							.4
WILDROSE						.27	.15	.06		.05	.15				T		.21	.06	.05													1.4
WILLISTON WB CITY	R		T	T	T	.04	T	.04		T	.08		T	.04	T	T	.05	T	T	T			.01	T				T	T			.4
WILLOW CITY						T	T	.04		T	T						.16	T		T				T		.17		T		T		.4
WILTON RR STATION							T	T									.10		T	T	.05				.01							.4
WISHEK		.47					T								T		.02	T		.03	.06	T		.02		.02						.4
ZAHL		.29		.05		T	T	.01	.03	T	T						.16	T	T	.01				T				.01				.4
					T	.16		T	.05	T	.11				.06	T	.16	T	T	.01												.4

See reference notes following Station Index.

Table 4

HOURLY PRECIPITATION

NORTH DAKOTA
MARCH 1951

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																										
NTLER		•	•	•	.68																					.88
ALFOUR		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-
ELCOURT INDIAN RES			.02		.01		.01																			.04
REIEN		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EVILS LAKE WB CITY		.02	.01				.01																			.04
DGELEY EXP FARM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARGO WB AIRPORT	//	.01	.01																							.02
LADSTONE 22N		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAND FORKS CAA	//	.01	.01	.01		.01	.01																			.05
ANNAFORD																									.01	.01
AYNES 6 NE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ETTINGER		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAMER 5 SE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C GREGOR RR STATION		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELVILLE										.02																.02
INOT CAA	//		.02																							.02
APOLEON 1 SE				.01	.01																					.02
ORTHGATE																										-
AKES		.02																								.02
ETTIBONE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AUB	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IVERDALE			.01																							.01
OLETTE		.01	.03																							.04
ARLES 3 E	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEYENNE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TANLEY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROTTERS 3S		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AHPETON POWER PLANT			.02																							.02
ASHBURN WATER WKS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—2d—																										
WIDON														•	•	•	•	•	•	•	•	•	•	•	•	•
SHLEY	//																		.01	.01		.01	.01	.01	.01	.06
ISMARCK WB AIRPORT																					.01	.01	.01	.01		.04
OWMAN COURT HOOSE	//																	.01	.01	.01		.01				.04
ARSON																	.01	.01	.02	.02	.01		.01	.01	.01	.10
AWSON																					.02	.02	.02	.01	.01	.08
ARGO WB AIRPORT	//																						.02			.02
ORT YATES		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.12							.12
LEN ULLIN																			.02	.01						.03
ALEY																.01	.01	.01	.01	.01	.01	.01	.01			.08
ANNAFORD		.02	.02	.01																						.05
AZELTON R R STATION	//																			.01	.01	.01		.01	.01	.05
AMESTOWN CAA	//																				.03	.03	.02	.03	.02	.13
ARMARTH M D U CO																.04		.01						.01	.01	.07
OTT																			.01	.02	.01	.01				.05
APOLEON 1 SE																						.01		.01	.01	.03
AKES																				.04	.04	.03	.01	.02	.03	.17
AHPETON POWER PLANT																				.02	.02	.02	.04	.02	.03	.15
—3d—																										
MIDON		•	•	•	•	•	•	•	•	.15																.15
SHLEY	//	.01																								.01
ARSON		.01																								.01
ROSBY																					-	-	-	-	-	-
AWSON		.01		.01																						.02
ARGO WB AIRPORT	//	.02	.01	.01	.01			.01	.01																	.07
LEN ULLIN			.01	.01										-	-	-	-	-	-	-	-	-	-	-	-	-
RANO FORKS CAA	//		.01		.01					.01				.01												.04
RANO	//										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RASSY BUTTE										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AZELTON R R STATION	//	.02	.02	.02																						.06
AMESTOWN CAA	//	.05	.02	.02	.01	.02	.04	.04		.01	.05	.04	.07	.01	.02											.40
NOAN EXP STATION		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.01	.01
APOLEON 1 SE		.01	.01																							.02
AKES		.03	.04	.02	.01																					.10
AHPETON POWER PLANT				.03	.02			.01	.01	.01																.08
—4th—																										
REIEN		-	-	-	-	-	-	-	-	-																-
ANNAFORD										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—5th—																										
TLER														•	•	•	•	•	•	•	•	•	•	•	•	•
LCOURT INDIAN RES																				.03	.04					.07
SMARCK WB AIRPORT																				.01	.02	.02	.03	.02	.04	.14
REIEN																									.02	.02
NDO																				.02	.02	.02			.02	.08
EVILS LAKE WB CITY																				.04	.02	.01			.02	.09
MOND																			.01	.01	.02		.01	.01	.01	.07
YBORG																	.01	.01	.01							.03
LLIDAY																		.01	.01		.01	.01	.01			.05
ZELTON R R STATION	//										.01	.01														.02
RDSFIELD													.01		.01		.01							.01	.01	.05
NMARE																		.01	.02	.01	.02	03	.01	.04	.01	.15
NOT CAA	//							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CHARDTON ABBEY																				.01	.01	.01				.03
VERDALE																	.01		.02		.05		.01	.02	.11
OLETTE																		.01	.01	.08	.03	.01			.03	.17
DER																	.01	.01	.01	.01		.01		.02		.07
HPETON POWER PLANT											.02	.01	.02	-	-	-	-	-	-	-	-	-	-	-	-	-
TFORD CITY 11E															.04		.01	.01	.02	.04	.02	.02	.01	.01		.18
LLISTON WB CITY											.01							.01	.01		.01					.04
—6th—																										
TLER		•	•	•	•	•	•	.64																		
NDO		.04	.06	.06	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01		.02										.64
EVILS LAKE WB CITY		.03	.01	.02	.03	.01	.01	.01	.01																	.32
MOND		.01	.02						.01			.01	.01	.01	.01											.13
NMARE		.02	.02		.01						.02	.02	.01	.05			.03									.08
NDAN EXP STATION		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.01	.18
NOT CAA	//	•	•	•	•	•	•	.20																		.01
VERDALE					.01		.01																			.20
LETTE		.01	.02	.02					.01	.01	.01	.01	.01		.02	.01	.01	.01								.02
TFORD CITY 11E			.01								.03	.01	.01													.15
																										.06
—7th—																										
TLER														•	•	•	•	•	•	•	•	•	•	•	•	•

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

NORTH DAKOTA
MARCH 195

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ASBLEY	//																				.01	.01	.01			.03
BISMARCK WB AIRPORT																		.01								.01
BREIEN													.01		.01		.01		.01	.01						.03
CANDO																				.01						.01
DEVILS LAKE WB CITY																		.01								.01
DICKINSON CAA													.01													.01
ESMOND																.01	.01	.01								.02
FARGO WB AIRPORT	//												.04	.03	.02	.02	.02					.01				.14
PORT YATES		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.02							.02
FRYBURG																		.01	.01	.01						.03
GRAND FORKS CAA	//													•	•	•	•	•	•	•	•	•	•	.02		.02
HURDSFIELD																								.01	.01	.02
JAMESTOWN CAA	//								•	•	•	•	•	•	•	•	•	•	•	•	•	•	.05			.05
KENMARE										.01		.01	.01	.01						.01						.03
MINOT CAA	//										•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NAPOLEON 1 SE				01	.01	.02	.01																			.04
OAKES														.01	.02	.01										.04
PEMBINA																				.01		.01	.01			.03
RICHARDTON ABBEY																						.01	.01			.02
RIVERDALE									.01	.02		.01			.02											.06
ROLETTE																				-	-	-	-	-	-	-
RYDER												.02														.02
WATFORD CITY 11E											.02	.02	.02	.01												.07
WILLISTON WB CITY									.01	.01	.01												.01			.04
													−8th−													
ASBLEY	//			.01																						.01
CANDO		.01	.01																							.02
DEVILS LAKE WB CITY							.01																			.01
BURDSFIELD		.01	.01																							.02
MANDAN EXP STATION		•	•	•	•	•	•	•	.01																	.01
MINOT CAA	//	•	•	•	•	•	.04																			.04
NAPOLEON 1 SE									.02	.01																.03
WAHPETON POWER PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-												-
													−9th−													
BELCOURT INDIAN RES																			.01				.01	.01		.02
CANDO																										.01
KENMARE																	.01	.01		.01	.01		.01			.03
PEMBINA																				.01	.01					.02
RICHARDTON ABBEY													.01				.01							.01		.02
RIVERDALE													.01	.01			.01			.01						.03
WATFORD CITY 11E													.01	.02	.01											.04
													−10th−													
BELCOURT INDIAN RES					•	•	•	•	•	.04																.04
BISMARCK WB AIRPORT						.01				.01																.01
BREIEN													.02	.01	.01	.01										.05
CANDO		.01				.01																				.01
DAWSON															.01	.01	.01									.03
DEVILS LAKE WB CITY											.01	.01	.01													.03
DICKINSON CAA							.01																			.01
FARGO WB AIRPORT	//									.01			.01	.03	.01	.01	.03	.02		.03	.04	.03	.05	.02	.03	.31
FRYBURG				.01	.01																					.02
GRAND FORKS CAA	//													•	•	•	•	•	•	•	•	•	•	•	.26	.26
JAMESTOWN CAA	//							•	•	•	•	•	•	•	•	•	•	•	•	•	•	.07				.07
KENMARE				.01			.02																			.03
MANDAN EXP STATION		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.04	.04
MINOT CAA	//	•	•	•	•	•	•	•	•	•	•	.07	•	•	•	•	•	•	•	•	•	•	•	•		.07
MOTT		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.03						.03
OAKES																.05	.06	.04								.15
PEMBINA		.01	.01			.01	.01	.02	.02	.02	.01	.01	.01	.01												.13
RICHARDTON ABBEY		.01	.02																							.03
RIVERDALE				.02	.01			.01																		.03
RYDER								.02	.02																	.04
WAHPETON POWER PLANT															.02	.02	.06	.02	.02	.01	.07	.02	.02	.02	.02	.32
WASHBURN WATER WKS		-	-	-	-	-	-	-	-	-	-	-	-	-												-
WATFORD CITY 11E			.03	.01																						.04
WILLISTON WB CITY			.02	.03	.01	.01	.01																			.08
													−11th−													
FARGO WB AIRPORT	//	.01																								.01
GLEN ULLIN		-	-	-	-	-	-	-	-	-	-															-
HANNAFORD		-	-	-	-	-	-	-	-	-	-															-
ROLETTE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									-
WABPETON POWER PLANT		.02																			.01	.01		.02	.02	.08
													−12th−													
FARGO WB AIRPORT	//										.01															.01
TROTTERS 3 S		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													−13th−													
AMIDON																				.01	.02	.01	.01			.05
BEACH																		.02	.02	.02	.01					.07
BEULAB																									.01	.01
BOWMAN COURT BOUSE	//																		.01	.01	.01	.01	.01	.01		.06
DICKINSON CAA																				.01			.01			.02
FRYBURG																					.01	.01	.01			.03
GOLVA 1 S E																				.01	.02					.03
HALEY																							.01	.01		.02
HALLIDAY																							.01	.01	.01	.03
KENMARE																									.03	.03
MARMARTH M D U CO																			•	•	•	•	•	•	.08	.08
MOTT																			•	•	•	•	•	•	.05	.05
RICHARDTON ABBEY																							.01	.01	.01	.03
RYDER		.02	.02																							.04
TROTTERS 3S																	.01	.02	.01	.01	.01					.05
WATFORD CITY 11E																							.02	.01		.03
WILLISTON WB CITY																					.01	.02	.01			.04
													−14th−													
BEULAH		.02																								.02
BISMARCK WB AIRPORT							.01																			.01
BOWMAN COURT HOUSE	//		.01																							.01
CARSON		.01	.01	.01																						.03
DICKINSON CAA			.01	.01	.01	.01																				.03
FRYBURG					.01		.01																			.02
GOLVA 1 S E			.01																							.01
HALLIDAY		.01																								.01
MANDAN EXP STATION		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.01	.01
MINOT CAA	//		•	•	•	•	•	•	•	•	.02															.02

See reference notes following Station Index.

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
RICHARDTON ABBEY		.01	.01																						.02
RIVERDALE		.01	.01																						.02
—15th—																									
ANTLER	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.65					.01		.01		.01	.68
DAWSON							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DICKINSON CAA				.01																					
RIVERDALE																			.01	.01	.01	.01		.01	.06
																							.02	.03	.05
—16th—																									
AMIDON					.07	.04	.02																		.13
ANTLER	.01	.01	.01	.01	.01			.03	.02	.03	.02	.04	.05	.01	.02			.01		.01		.01			.35
ASHLEY //										.01															.09
BEACH		.01	.01	.01	.01	.03																			.07
BELCOURT INDIAN RES									.01	.05	.02	.03	.01	.01											.13
BEULAH	.01	.01	.01	.01	.02	.03		.01	.02																.12
BOWMAN COURT HOUSE //			.01	.01	.02	.04	.02																		.10
CANDO												.05	.05	.03	.04	.06	.03	.02	.01						.29
DEVILS LAKE WB CITY										.03	.07	.04	.02	.01	.02										.19
DICKINSON CAA	.01	.01		.01		.01	.02	.02	.01																.09
ESMOND					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
FARGO WB AIRPORT //														.01	.01	.01	.01		.01	.01					.06
FRYBURG		.01	.01		.06	.08	.06	.02																	.24
GLEN ULLIN												.01	.01	.01											.03
GOLVA 1 S E					.01	.01	.01																		.03
GRAND FORKS CAA //															.01	.02	.01	.01	.01	.01	.01				.08
HALLIDAY				.01	.02	.01	.01	.04	.01	.01															.11
HANNAFORD											.02	.08	.06	.04	.03	.05	.01	.01							.30
HAZELTON R R STATION //					.01	.02		.02	.01	.01															.07
HURDSFIELD								.03	.06	.01		.01	.01	.01	.01	.01									.15
JAMESTOWN CAA //								*	*	*	*	*	*	*	*	.42									.42
KENMARE						.06	.09	.05	.02	.01	.05	.06	.01												.35
MANDAN EXP STATION	.01	.01																							.02
MARMARTH M D U CO			.01		.02																				.03
MELVILLE									.06	.03															.09
MINOT CAA //							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
NAPOLEON 1 SE		*	*	*	*	*	*	*	*	*	*	*	*	.06											.06
PEMBINA														.01	.01	.03	.03	.01	.01						.10
RICHARDTON ABBEY	.01	.01					.02	.03	.01		.02														.10
RIVERDALE		.02	.03	.02	.01	.03	.02	.05	.02	.01	.02														.23
ROLETTE									.07	.08	.05	.02	.03	.08	.01										.34
RYDER	.01	.01	.01		.02	.03	.06				.03	.01		.02											.20
TROTTERS 3S					.02	.02																			.04
WAHPETON POWER PLANT													*	*	*	*	*	*	*	*	*	*	*	*	*
WASBBURN WATER WKS						.01	.01																		.02
WATFORD CITY 11E				*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WILLISTON WB CITY			.01	.01	.01	.01			.01																.05
—17th—																									
ANTLER	.01	.01	.01	.01	.01																				.05
BREIEN																									
FARGO WB AIRPORT //			.01															-	-	-	-	-	-	-	-
MINOT CAA //	*	*	*	.21																					.01
RIVERDALE										.01	.01		.01												.21
																									.03
—18th—																									
FARGO WB AIRPORT //													.01						.01			.01			.03
GRAND FORKS CAA //																	.01	.02		.01			.02	.02	.07
HURDSFIELD																						.01		.01	.03
KENMARE																	.01	.01				.01			.03
WATFORD CITY 11E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.50	.02	.01						.53
—19th—																									
ANTLER												.01	.02	.03	.01		.01		.01		.01	.01	.02		.13
DEVILS LAKE WB CITY																	.01								.01
FARGO WB AIRPORT //		.01	.01			.01			.01								.01								.04
GRAND FORKS CAA //			.01						.01	.02	.01			.01	.01	.01	.01								.10
HAZELTON R R STATION //												.01	.01	.01	.01	.02							.01		.05
HURDSFIELD					.01	.01	.02	.01	.01	.01	.02	.03	.02	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.26
JAMESTOWN CAA //																			.02						.02
KENMARE	.01		.01												.04		.01	.01	.01	.01					.10
MAPOLEON 1 SE													*	*	*	*	*	*	*	*	*	*	*	*	*
PEMBINA	.02	.01		.01	.01	.01	.01																		.07
WAHPETON POWER PLANT	*	*	*	*	*	*	*	*	*	*	*	.16													.16
—20th—																									
ANTLER	.01	.01	.01																						.03
DEVILS LAKE WB CITY						.01																			.01
ESMOND	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.13					.13
FARGO WB AIRPORT //		.01							.01		.01		.01												.04
HURDSFIELD					.01	.01		.01	.02	.02		.01	.02	.01	.01	.01									.13
MAPOLEON 1 SE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.06				.06
—21st—																									
ALFOUR	-	-	-	-	-	-	-	-	-	-															
WAHPETON POWER PLANT													-	-	-	-	-	-	-	-	-	-	-	-	-
—22d—																									
AMIDON																			.01	.02	.02				.05
ANTLER	*	*	*	*	*	*	*	*	*	*	*	*	*	.45											.45
BEULAH																					.01	.02			.03
BISMARCK WB AIRPORT	-	-	-	-	-	-	-	-	-	-	-	-												.01	.01
BOWMAN COURT BOUSE //																				.01	.02				.03
CARSON																						.03	.04	.01	.08
DICKINSON CAA																					.01	.02			.03
GLEN ULLIN																								.02	.02
HALEY																	.02	.01						.01	.04
HURDSFIELD					.02	.02	.01																		.05
MANDAN EXP STATION																								.02	.02
MARMARTH M D U CO																								.01	.09
MINOT CAA //													*	*	*	*	.01	.03	.03	.01					*
RICHARDTON ABBEY																						.01	.02		.03
RIVERDALE																				.01					.01
WASBBURN WATER WKS																							.01	.01	.02
WILLISTON WB CITY																	.01								.01
—23d—																									
BISMARCK WB AIRPORT	.01	.01				.01																			.03

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4–Continued

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BOWMAN COURT HOUSE	//			.01	.01	.01																				.03
CARSON		.02	.01																							.03
FORT YATES		*	*	*	.03																					.02
HALEY		.01		.01																						.03
HAZELTON R R STATION	//	.01	.02																							.03
MANDAN EXP STATION		.01	.01	.01																						.01
MARMARTH M D U CO			.01																							.06
MINOT CAA	//	*	*	*	*	*	*	*	*	.06	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
NAPOLEON 1 SE			*	*	*	*	*	*	*	*																.05
OAKES							.01	.02		.02																.01
RICHARDTON ABBEY		.01																				.01	.02	.01	.01	.05
RIVERDALE																										.01
WASHBURN WATER WKS		.01																								
														–24th–												
ASHLEY	//								.01		.01		.01										.01	.01	.02	.03
BELCOURT INDIAN RES																										.04
BISMARCK WB AIRPORT										.01	.01															.02
BREIEN		–	–	–	–	–	–	–	–	–	–	–	–											.03	.02	.05
ESMOND																										.02
GRASSY BUTTE		–	–	–	–	–	–	–				.01			.01											*
HAZELTON R R STATION	//													*	*	*	*	*	*	*	*	*	*	*	*	.03
JAMESTOWN CAA	//					.03	.02	.01							.01	.01									.01	.02
MELVILLE																					.01	.01				.05
MOTT															.05										.02	.02
NAPOLEON 1 SE		*	*	*	*	*	*	*	*	*	*	*	*	*												
ROLETTE																										
														–25th–												
BELCOURT INDIAN RES		.01	.01	.01																						.03
CROSBY		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–						–
DEVILS LAKE WB CITY		.01	.01																							.02
ESMOND		.03																								.02
JAMESTOWN CAA	//	*	*	*	*	*	.13																			.15
MELVILLE		.03	.03	.01																						.07
RAUB	//	–	–	–	–	–	–	–	–	–																–
ROLETTE		.01	.01	.01																						.02
														–27th–												
ANTLER																	.01	.01	.01	.01				.01		.04
MINOT CAA	//																.02	.01								.04
WATFORD CITY 11E			.01	.01																						.02
														–28th–												
MINOT CAA	//								.03	.02																.04
														–30th–												
FARGO WB AIRPORT	//																	.01	.01					.01	.01	.01
GRAND FORKS CAA	//																	*				.01	.01	.01	.01	.01
														–31st–												
DAWSON		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
EDGELEY EXP FARM		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
FARGO WB AIRPORT	//	.01	.01	.01							.01	.01														.01
GLADSTONE 22N		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
GRAND FORKS CAA	//	.01	.01		.01	.01	.01																			.01
GRANO	//	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HAYNES 6 NE		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HETTINGER		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
KRAMER 5 SE		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MC GREGOR RR STATION		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NORTHGATE		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PETTIBONE		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SARLES 3 E	//	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SHEYENNE		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
STANLEY		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WAHPETON POWER PLANT		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

NORTH DAKOTA
MARCH 1951

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	15	8	11	16	29	8	- 5	- 3	8	11	5	12	18	28	28	38	28	11	11	12	33	40	27	38	37	51	44	39	37	28	37	22 4
	MIN	- 6	- 8	- 3	- 3	5	-18	-15	-19	-17	- 5	-17	-18	-12	8	15	21	8	7	- 2	- 3	- 3	24	17	22	23	31	30	27	23	20	18	4.8
AMENIA	MAX	18	15	15	15	38	37	5	6	12	25	25	20	23	30	33	27	30	21	18	17	24	38	28	38	38	39	48	46	39	32	34	28.8
	MIN	10	- 3	-13	-13	- 5	-10	-10	- 8	-16	11	5	- 2	1	9	9	12	20	7	6	5	- 3	14	14	14	30	30	30	32	29	24	27	8.3
AMIDON	MAX	14	27	8	22	31	22	0	- 4	2	9	6	11	20	26	34	41	35	18	15	18	29	51	41	37	45	51	57	48	45	41	38	28.9
	MIN	- 1	- 9	- 2	- 5	- 2	-21	-17	-23	-18	- 7	-15	-14	- 3	10	18	22	7	0	- 3	- 8	2	28	21	24	25	32	31	22	21	18	16	4.9
ARVILLA STATE PARK	MAX	23	15	15	23	35	35	7	10	13	26	21	18	20	29	40	31	30	21	16	15	28	31	28	41	40	48	51	48	37	32	35	27.6
	MIN	8	-11	2	- 7	- 6	-13	-11	- 6	-20	8	- 2	- 3	- 4	5	2	17	20	4	1	4	- 5	15	9	10	23	32	28	32	27	22	28	8.7
ASHLEY	MAX	21	12	10	20	35	33	- 2	- 4	11	21	7	8	19	22	30	39	39	18	12	10	26	40	25	37	36	50	45	38	35	30	36	24.5
	MIN	-10	-14	1	-14	2	-15	-14	-18	-21	6	-21	-11	-14	- 4	- 2	17	17	0	- 3	- 3	- 9	20	14	9	18	28	32	27	22	21	22	2.7
BEACH	MAX	12	22	10	18	33	17	- 2	- 6	- 2	12	2	10	24	27	37	38	33	16	14	13	17	52	37	36	45	54	55	40	41	42	41	25.4
	MIN	-11	-15	-13	- 5	0	-20	-20	-21	-21	- 7	-18	-16	-10	2	18	24	9	2	- 4	- 6	- 6	17	22	22	26	26	32	24	22	21	19	3.0
BELCOURT INDIAN RE5	MAX	11	13	14	16	26	28	5	3	7	20	15	12	23	25	28	24	16	11	6	10	20	29	21	31	30	48	45	38	34	30	35	21.7
	MIN	- 4	-13	- 4	-19	- 5	-20	-20	-14	-29	- 7	-10	-10	-17	- 1	- 5	15	3	- 8	- 1	- 1	-10	12	3	2	21	23	23	27	21	15	22	- 0.4
BELFIELD	MAX	21	13	18	27	21	- 1	0	- 1	12	8	8	24	26	29	36	39	24	18	10	18	51	44	34	43	44	52	56	44	44	40	42	27.2
	MIN	-15	-16	- 3	-12	-16	-22	-21	-20	-14	- 5	-19	-18	- 5	10	20	20	18	2	- 3	- 5	- 3	29	21	20			28	26	28	22	22	2.4
BISBEE	MAX	10	6	10	15	27	30	4	0	8	17	8	9	23	27	31	25	18	12	9	12	23	23	23	34	34	41	41	38	34	32	35	21.3
	MIN	-21	-14	- 3	-12	- 4	-18	-19	-14	-21	1	-18	- 9	- 8	9	0	17	4	- 5	0	0	-11	11	6	4	14	26	22	23	24	19	22	0.8
BISMARCK WB CITY	MAX	23	16	13	10	21	34	- 4	- 4	- 2	12	11	7	11	19	29	32	40	22	13	11	13	41	41	27	38	40	49	41	41	37	32	23.0
	MIN	-12	-18	- 9	-19	- 7	-17	-17	-17	-24	- 4	-14	-14	-22	- 8	4	13	13	- 1	2	- 1	- 8	- 8	16	10	23	27	29	27	21	17	20	0.1
BISMARCK WB AIRPORT	MAX	12	10	9	17	33	- 5	- 2	- 3	12	12	6	12	9	28	32	38	24	11	10	11	31	39	27	37	37	47	43	39	36	31	36	21.9
	MIN	-18	-21	-17	-19	- 8	-18	-17	-21	-25	- 8	-16	-16	-25	1	1	21	4	- 2	0	- 5	-10	18	10	5	24	30	29	26	21	18	20	- 0.6
BOTTINEAU	MAX	13	12	4	3	10	10	-10	-10	-13	11	14	4	11	16	23	24	26	16	11	9	10	24	26	19	30	33	42	40	36	25	31	16.1
	MIN	- 2	-22	-14	-17	- 2	-18	-21	-17	-25	-13	-18	-10	-16	-13	0	4	- 5	- 7	- 8	- 6	-16	- 6	4	- 2	11	25	18	19	18	14	19	- 4.1
BOWBELLS	MAX	8	10	3	5	10	11	-12	- 8	- 8	6	- 4	- 3	7	18	22	30	35	17	5	3	6	35	24	26	36	38	42	38	34	21	28	15.6
	MIN	-17	-18	-18	-13	- 5	-21	-20	-20	-25	-16	-22	-25	-25	-10	- 2	- 1	6	- 2	- 6	-12	-11	5	3	5	18	27	20	18	14	1	6	- 5.4
BOWBELLS 5E	MAX	8	5	1	2	4	15	-13	- 9	-10	6	- 4	- 3	4	17	24	28	31	15	5	3	9	35	23	22		31	40				28	11.7
	MIN	-18	-21	-16	-14	- 7	-21	-21	-20	-26	-14	-24	-26	-19	- 8	- 3	4	6	- 4	- 6	-13	-11	9	7	6		22	17			- 1	5	- 7.8
BOWMAN COURT HOUSE	MAX	28	33	15	26	24	1	- 1		11	11	14	17	22	34	35	31	16	16	19	52	51	39	45	52	57	51	42	41	40	42	29.9
	MIN	-10	- 4	- 1	- 3	0	-19	-12	-21	-13	- 7	-15	-12	- 9	18	23	27	10	0	- 4	- 5	5	32	22	25	25	31	31	22	21	18	18	6.2
BUTTE	MAX	11	10	9	20	29	25	- 3	- 3	8	10	11	10	21	29	31	35	23	11	10	12	25	39	27	36	36	46	45	38	35	34	35	22.7
	MIN	- 6	-12	-12	-12	-12	-19	-11	-14	-20		-15	-16	-17	6	6	19	6	- 2	- 2	- 3	- 3	21	4	11	28	29	27	25	22	23	22	2.4
CARRINGTON	MAX	22	22	10	7	21	30	- 9	- 1	- 1	12	19	3	13	21	25	34	31	22	11	8	9	36	41	24	32	38	43	40	42	32	30	21.5
	MIN	- 4	- 6	- 7	- 7	- 6	-17	-17	-15	-18	-14	-15	-15	-13	-11	-11	2	13	0	- 2	- 2	- 6	- 5	9	9	14	23	27	27	22	20	22	- 0.1
CARSON 2 S W	MAX	20	20	10	20	15	8	- 2	0	10	12	10	15	23	32	33	35	22	14	13	15	34	40	28	40	43	52	48	42	42	33	40	24.7
	MIN	-14	- 8	- 4	-10	2	-18	-16	-20	-16	- 6	-20	-20	-13	7	14	20	8	- 2	- 2	- 5	- 4	25	18	12	23	32	32	26	22	20	20	3.3
CAVALIER	MAX	22	20	18	22	29	34	5	8	12	24	25	16	21	28	34	32	27	23	11	15	21	26	23	37	36	39						23.4
	MIN	10	- 2	4	- 4	0	-13	-12	- 6	-18	10	0	- 4	- 5	12	8	18	19	2	6	4	- 6	12	5	10	19	24						3.6
CENTER	MAX	15	6	14	14	30	16	- 5	- 5	10	10	3	12	12	27	27	35	22	10	8	9	31	39	25	37	36	48	42	37	35	32	35	21.5
	MIN	-20	-25	- 8	-24	3	-20	-20	-22	-25	- 6	-18	-22	-25	0	- 3	18	0	- 5	- 4	- 5	-16	20	10	3	20	28	20	22	15	13	15	- 2.6
COOPERSTOWN	MAX	15	13	12	19	33	33	3	3	10	25	17	19	24	27	33	29	25	19	11	13	25	37	25	33	37	42	47	41	38	33	35	25.0
	MIN	1	-13	0	-13	0	-16	-16	-13	-20	6	-10	- 6	- 7	0	- 3	15	15	- 2	0	0	-10	15	10	6	26	29	28	27	25	21	25	3.9
CROSBY	MAX	6	8	8	5	11	10	- 9	- 6	8	6	- 2	2	17	31	28	32	15	7	5	7		28	29	36	36	43	36	37	34	26	29	17.4
	MIN	-21	-20	-17	-13	-12	-21	-21	-21	-28	-10	-20	-29	- 4	8	0	11	7	- 2	- 6	- 8	-11	11	10	5	16	23	19	23	16	16	8	- 2.9
DEVILS LAKE W B CITY	MAX	12	8	8	19	32	- 4	2	0	11	20	10	12	22	25	32	27	23	12	8	11	24	31	22	32	33	42	45	38	32	32	35	21.2
	MIN	- 3	- 8	- 6	- 9	- 4	-17	-17	-14	-20	- 8	-14	-10	-13	10	5	19	5	- 2	0	- 4	- 8	14	7	8	23	28	26	27	24	21	24	2.7
DICKINSON CAA	MAX	18	7	14	20	21	- 4	- 5	- 3	8	7	8	16	27	33	31	35	15	13	11	14	45	40	30	42	48	55	45	40	40	34	40	24.0
	MIN	-11	-17	- 9	- 7	-15	-19	-17	-20	-15	-12	-15	-13	- 5	17	14	13	2	0	- 3	- 5	0	21	19	21	26	31	29	25	23	20	20	3.2
DICKINSON EXP STATION	MAX	16	17	8	16	23	23	- 3	- 4	- 2	10	4	9	16	26	34	33	36	16	15	12	16	46	40	31	42	48	56	44	42	42	35	24.1
	MIN	-21	-22	-16	-13	-13	-18	-18	-19	-18	- 8	-15	-17	-10	- 1	17	20	8	1	- 2	- 5	- 3	16	21	17	26	29	30	24	24	20	20	1.7
DRAKE	MAX	14	12	7	8	25	29	0		0	10	5	12	9	22	31	31	33	20	11	10	10	36	35	24	38	45	43	39	39	40	30	22.3
	MIN	- 8	-12	-11	-15	- 4	-18	-37	-18	-22	-14	-20	-18	-17	-13	1		7	0	- 3	- 3	-10	- 1	8	8	15	30	23	23	14	13	17	- 2.8
DUNN CENTER	MAX	13	21	11	10	14	21	- 5	-11	- 1	8	1	5	5	20	32	31	28	12	8	3	13	35	33	24	37	38	47	33	38	36	19	18.7
	MIN	-24	-29	-25	-26	-20	-21	-21	-21	-24	-14	-24	-25	-25	-19	9	8	6	- 2	- 4	- 7	-15	- 5	17	5	18	22	26	24	17	15	15	- 5.5
DUNSEITH ST SANITARIUM	MAX	12	9	14	16	26	28	- 2	- 4	6	23	13	15	20	30	28	25	23	14	10	10	19	29	20	28	27	44	44	39	36	30	37	21.6
	MIN	24	-16	- 5	- 9	-12	-26	-12	-14	-23	-12	-12	- 9	- 8	4	4	13		- 6	- 1	- 1	- 9	10	3	4	18	15	28	26	20	15	21	1.0
EDGELEY EXP FARM	MAX		19	5	11	11	32	0	4	1	18	25		12	19	27	29	36	36	13	13	12	38	39	32	35	36	42	42	41	36	34	24.1
	MIN	- 5	-13	- 4	- 9	- 4	-15	-17	-17	-21	- 8	- 9	- 6	- 6	- 1	2	7	17	0	- 1	- 4	- 9	2	13	10	11	14	30	29		21	21	0.9
EDMORE 1 W	MAX	14	12	10	19	29	28	5	3	10	21	18	14	22	25	31	29	25	15	10	5	22	26	26	33	32	40	43	39	38	32	33	22.9
	MIN	6	-15	- 3	-11	- 4	-17	-17	-10	-21	8	-14	-11	-12	5	- 2	16	11	- 3	1	0	-12	15	5	5	16	28	25	25	26	21	24	2.7
ELBOWOODS	MAX	11	5	10		24	4	- 4	- 4	10	10		5	10	30	38	36	25	13	10	10	34	40	27	38	35	46	42	38	35	33	35	22.3
	MIN	-25	-29	-14		- 7	-22	-21	-19	-28	- 8		-29	-28	0	- 3	- 7	3	0	1	- 4	-18	15	15	3	5	21	26	17	11	10	12	- 4.2
ELLENDALE	MAX	19	13	14	20	39	36	4	2	11	29	15	15	22	29	31	38	36	23	12	13	27	42	33	30	38	48	47	43	39	36	33	27.0
	MIN	- 2	- 8	5	-12	2	-10	- 9	-13	-16	7	- 5	- 2	- 2	0	4	20	22	4	1	0	- 3	18	17	12	19	29	35	30	27	24	26	7.1
EPPING	MAX	5	2	8	13	25	26	16	- 8	9	8	- 2	7	15	30	29	29	26	20			32	36	26	35	40	43	38	38	37	31	35	22.4
	MIN	-17	-22	-17	-11	-10	-12	-12	-27	-22	- 8	-20	-25	- 9	12	- 4	4	6	4	10		- 8	23	7	11	12	28	27	22	17	17	13	- 1.3
FARGO WB AIRPORT	MAX	15	16	17	15	38	15	5	6	15	25	16	20	23	26	30	27	30	18	13	15	20	33	25	34	36	37	43	42	35	31	34	24.4
	MIN	- 1	-11	- 5	-12	- 3	- 9	-12	-13	-18	15	7	3	0	1	2	15	17	8	5	1	- 8	15	15	10	27	29	30	32	28	25	27	7.1
FORMAN	MAX	18	14	12	20										29	34	35	34	24	14	17	27	40	29	32	39	52	48	44	43	35	33	30.6
	MIN	- 3	- 4	3	- 7										9	3	12	19	5	1	3	- 8	20	16	11	26	29	31	31	28	23	23	12.3
FORT YATES	MAX	16		15	18	38	20	- 1	- 2	13	16	8	9	16	28	32	40	37	19	13	14	33	45	30	41	41	53	47	43	38	32	38	26.3
	MIN	-13		-14	-13	- 2	-15	-13	-19	-26	3	-13	-13	-22	- 5	10	26	15	1	2	- 2	-10	22	17	12	29	32	33	28	22	20	21	3.8
FOXHOLM WILDLIFE REF	MAX	12	11	8	7	20	21	- 5	- 5	7	7	- 3	8	18	29	33	34	22	14	6	6	26	38	28	37	35	47	43	36	36	29	35	20.6
	MIN	-11	-14	-11	-16	-11	-20	-17	-16	-26	- 5	-12	-18	-23	6	- 7	17	7	0	- 1	- 7	- 6	13	- 4	8	25	28	23	25	16	9	14	- 1.1
FULLERTON	MAX	21	13	13	20	40	35	9	1	15	32	12	15	20	26	33	34	34	18	11	12	26	41	32	32	39	47	46	41	37	33	33	26.5
	MIN	- 4	-13	4	-13	- 4	-10	-10	-14	-17	7	- 6	- 4	- 3	- 6	4	20	18	2	0	0	- 5	15	17	12	20	30	34	31	27	24	27	5.9
GACKLE	MAX	21	21	6	23	36	33	6	6	10	23	10	12	20	25	33	36	32	21	10	10	32	39	23	33	36	43	45	36	36	32	34	25.3
	MIN	-11	-12	2	-13	0	-12	-12	-12	-20	-10	-12	-10	-15	- 2	0	16	4	0	0	0	- 6	13	11	3	13	17	23	23	21	19	19	1.2

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5–Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX	10	7	6	14	28	- 9	- 4	- 5	8	8	4	11	10	27	27	35	14	8	7	7	27	39	25	34	34	45	42	35	36	29	15	18.5
	MIN	-14	-21	-18	-15	-14	-21	-18	-20	-21	-11	-18	17	-20	8	3	10	1	- 2	- 1	- 5	- 7	18	11	7	13	28	24	22	16	12	14	- 0.7
GRAFTON STATE SCHOOL	MAX	20	18	18	23	31	35	8	9	13	24	24	18	23	28	34	34	28	25	18	16	22	26	28	38	36	42	52	51	40	34	36	27.5
	MIN	10	- 8	5	- 7	- 2	-13	-12	- 7	-17	10	- 2	- 4	- 5	14	4	16	19	2	8	3	- 6	13	6	9	21	30	28	31	26	21	24	7.6
GRAND FORKS CAA	MAX	20	15	16	20	39	16	7	9	17	25	16	17	22	28	35	29	30	18	13	16	25	29	24	38	39	39	49	42	32	32	36	25.6
	MIN	1	- 8	1	- 6	0	-10	-10	- 7	-12	12	3	- 2	- 3	10	5	17	14	4	4	0	- 5	14	8	12	29	31	31	31	25	23	27	7.1
GRAND FORKS UNIVERSITY	MAX	21	14	17	18	39	36	8	9	14	24	24	17	22	28	35	30	30	22	16	15	22	28	28	36	38	37	48	43	38	32	36	26.6
	MIN	8	- 7	8	- 5	0	-10	-10	-10	-11	9	3	- 2	- 3	10	6	7	16	4	7	4	- 5	15	9	12	28	28	31	31	28	23	26	8.1
GRAND RAPIDS 1N	MAX	26	16	12	20	32	28	7	2	12	31	19	17	24	28	34	34	37	18	13	14	28	41	29	32	40	48	50	44	42	34	34	27.3
	MIN	- 5	-14	6	-15	- 1	-13	-12	-14	-22	12	- 8	- 6	- 7	5	- 2	18	18	2	0	0	- 7	18	15	7	21	30	30	29	26	24	28	5.3
GRANVILLE	MAX	10	6	7	17	27	24	- 5	- 4	3	9	5	8	16	28	36	35	24	13	7	7	27	36	24	31	37	39	41	36	35	31	36	21.4
	MIN	-10	-19	-15	-16	-10	-20	-20	-18	-25	- 5	-19	-17	-19	4		17	2	- 2	- 4	- 5	-12	14	2	5	24	28	21	23	15	10	11	- 2.1
GRENORA	MAX	19	20	15	8	13	15	15	5	9	8	- 1	5	20	29	26	30	36	34	9	11	32	32	30	32	31	33	40	39	39	36	37	22.1
	MIN	10	-15	-24	- 9	- 8	- 6	-20	-37	-31	-10	-38	-32	- 3	8	2	11	5	- 5	- 4	- 1	- 7	9	8	10	7	8	20	15	14	16	15	- 3.1
HANKINSON R R STATION	MAX	19	17	21	17	22	48	6	4	5	22	28	24	29	32	28	32	37	44	32	18	23	25	42	31	42	50	47	44	43	34	41	29.4
	MIN	0	-12	- 7	-12	-12	- 8	-10	-10	-17	-16	8	5	0	- 2	- 2	5	14	4	3	1	- 6	- 4	17	11	11	26	25	31	28	0	25	3.1
HANNAH	MAX	15	11	6	11	25	30	0	0	8	21	9	10	21	24	29	25	23	12	9	10	21	22	21	34	32	40	44	38	33	32	34	21.4
	MIN	3	-13	- 7	-12	- 3	-18	-17	-11	-24	6	-19	-16	-16	- 3	- 5	16	8	- 6	- 1	1	-13	4	4	0	11	27	26	27	22	19	21	0.4
HANSBORO	MAX	24	18	10	18	25	29	1	9	9	17		8	23	26	30	25	19	10	7	9	20	22	26	36	32	45	45	37	33	31	35	22.4
	MIN	- 4	-10	-10	-12	-11	-20	-17	-14	-25	0		-13	-17	- 1	- 2	16	- 2	- 6	- 3	- 2	- 8	7	2	2	17	24	24	26	22	17	20	0.4
HETTINGER	MAX	29	10	22	21	25	10	4	1	10	11	12	16	21	28	34	36	28	21	17	21	49	52	41	46	52	55	47	43	48	44	40	28.6
	MIN	- 8	- 2	7	3	- 1	-16	-19	-16	-13	- 8	-13	-10	- 7	5	4	25	10	6	- 1	- 3	7	19	20	24	26	34	30	20	23	19	27	6.2
HILLSBORO	MAX	20	12	17	14	37	37	5	9	13	25	16	16	23	30	34	30	32	28	14	16	24	37	32	34	36	34	38	42	33	31	35	25.5
	MIN	10	-17	7	-12	4	-12	-12	- 8	-18	13	10	- 2	- 3	9	2	9	16	14	5	3	- 6	12	10	16	27	24	28	30	30	22	26	7.2
JAMESTOWN CAA	MAX	17	10	8	18	30	1	2	0	8	24	11	15	23	26	30	30	25	14	10	12	26	38	25	32	36	43	45	40	35	32	35	22.4
	MIN	- 9	-14	- 6	-14	- 1	-15	-13	-15	-21	- 4	-10	- 8	- 9	4	- 1	18	7	- 1	- 1	- 5	- 9	17	12	9	25	30	30	29	24	22	26	3.3
JAMESTOWN STATE HOSP	MAX	17	10	9	16	30	26	19	2	8	25	9	13	20	26	31	35	30	14	9	11	26	39	26	32	35	42	45	41	34	31	35	24.4
	MIN	-10	-13	0	-15	- 2	- 8	-14	-14	-19	5	-11	- 6	- 7	5	3	19	14	- 1	- 1	0	- 8	18	12	9	20	31	30	29	25	23	26	4.4
KENMARE	MAX	10	13	3	6	9	19	-12	- 8	- 8	7	3	2	10	18	29	30	34	15	6	4	5	36	27	24	36	36	45	40	35	27	30	17.4
	MIN	-14	-16	-15	-12	-11	-20	-20	-17	-26	-14	-18	-22	-22	- 6	- 1	- 1	6	- 1	- 5	- 9	-10	4	- 2	12	19	26	21	21	17	5	7	- 4.4
KENSAL WILDLIFE REFUGE	MAX	22	17	9	18	32	30	1	1	10	22	11	14	21	27	32	30	28	15	10	12	27	33	38	32	39	44	45	41	37	32	38	24.4
	MIN	- 8	-11	- 4	-14	- 5	-16	-14	-15	-20	5	-13	-10	-12	0	- 1	18	13	0	- 1	- 1	- 8	7	7	7	28	27	27	23	21	25	1.1
LANGDON EXP FARM	MAX	16	16	9	18	31	15	2	1	7	21	15	20	25	24	31	27	20	16	10	12	20	28	21	35	33	40	42	38	33	30	38	22.2
	MIN	5	-14	- 3	-12	- 4	-18	-17	-12	-24	7	-17	-13	-15	- 4	- 2	15	10	- 5	1	1	-14	10	1	2	15	23	24	25	26	18	16	0.1
LARIMORE	MAX	19	15	14	21	35	34	7	8	11	24	19	17	20	28	34	30	27	20	15	14	24	31	25	36	36	42	50	41	38	31	35	25.5
	MIN	9	- 7	6	- 6	- 2	-14	-12	- 7	-15	9	4	- 1	- 2	4	6	17	20	2	5	4	- 5	15	8	11	25	31	30	29	28	22	25	7.1
LEEDS	MAX	12	8	8	22	32	31	- 4	- 4	10	17	11	12	22	24	33	29	26	15	10	12	26	31	25	37		44	42	37	35	32	32	22.2
	MIN	0	-11	-10	-11	- 4	-19	-18	-15	-24	2	-18	-12	-15	8	6	14	8	- 4	- 5	0	-11	18	6		24	25	24	20	20	23	0	
LINTON	MAX	17	15	12	20	37	24	2	- 1	12	18	8	12	17	28	32	41	37	17	11	12	33	43	30	40	38	51	45	41	36	33	36	25.5
	MIN	-17	-12	- 2	-15	7	-15	-15	-17	-21	2	-12	-12	-18	- 3	5	22	17	2	0	0	-10	21	16	11	24	32	31	28	24	20	22	3.3
LISBON	MAX	19	20	14	14	15	35	14	5	5	20	27	15	20	24	29	33	33	25	20	15	17	28	43	29	34	40	50	48	44	37	34	26.6
	MIN	- 7	-15	- 6	-16	-15	-13	-13	-13	-23	-22	- 3	- 3	- 2	3	- 4	2	17	2	- 1	0	-11	- 7	14	9	18	25	26	28	26	22	23	1.1
MADDOCK AGR SCHOOL	MAX	12	10	5	22	30	30	- 1	- 3	8	16	6	13	20	24	34	28	29	14	9	9	27	35	23	33	35	42	38	35	34	31	35	22.2
	MIN	- 2	-13	-13	-14	- 3	-18	-17	-16	-23	1	-17	-17	-16	7	2	19	8	- 3	- 4	- 2	-10	15	8	0	21	25	21	23	17	20	23	0.2
MANDAN EXP STATION	MAX	19	12	7	9	15	30	- 5	- 4	- 3	12	9	5	8	19	27	31	40	20	10	9	10	38	40	26	37	36	47	43	38	36	29	21.0
	MIN	-12	-16	- 9	-15	- 8	-17	-15	-17	-21	- 7	-12	-12	-21	-13	7	11	12	- 2	1	- 2	- 7	5	14	9	21	29	29	27	22	18	19	0.0
MANDAN FT LINCOLN PARK	MAX	19	19	14	20	33	24	3	0	12	13	6	13	19	30	33	42	33	19	12	13	31	42	30	42	40	51	48	45	38	33	37	26.6
	MIN	-14	-16	- 6	-18	- 5	-18	-17	-19	-24	0	-14	-12	-22	- 2	4	21	10	- 2	0	- 3	- 8	22	14	8	21	29	30	31	20	17	18	1.1
MARMARTH	MAX	20	13	16		28	1	- 2	0	14		14	21	22	34	40	36	27	18	19	22	55		45	49	57	59	51	44	46	43	45	29.5
	MIN	-16	- 8	- 1		- 6	-16	-10	-22	-15	- 8	-22	-18	- 2	12	25	28	12	2	- 2	- 2	9		25	25	20	32	32	23	21	15	20	5.0
MAX	MAX	10	11	8	12	25	- 9	- 3	- 3	7	7	6	5	15	27	28	34	16	10	9	10	35	36	26	35	34	44	44	37	36	28	34	19.2
	MIN	-18	-11	-19	-11	-21	-21	-21	-23	-11	-17	-14	-14	-17	1	18		- 2	- 2	- 5	-11	- 2	5	3	10	20	24	25	20	16	18	19	- 2.1
MAYVILLE	MAX	18	12	15	19	37	37	6	8	13	23	23	19	21	28	34	28	28	22	15	15	25	33	28	33	31	37	49	43	38	31	34	25.4
	MIN	10	-11	2	- 7	- 3	-12	-11	- 6	-14	13	3	0	0	6	6	15	22	6	7	5	- 3	6	13	1	9	26	31	31	28	24	26	7.1
MC CLUSKY	MAX	11	12	7	15	31	22	- 2	- 2	7	7	6	12	16	26	32	36	27	10	8	10	27	38	23	33	34	43	39	36	34	29	34	21.0
	MIN	-18	-20	- 6	-12	1	-20	-19	-20	-20	-12	-13	-14	-19	3	3	11	7	- 5	- 4	- 2	- 8	21	9	6	21	27	23	20	19	16	19	- 0.3
MC HENRY 5 N	MAX	12	8	7	18	30	30	0	- 2	8	22	10	13	20	23	31	27	26	14	9	7	23	37	23	31	34	42	42	36	34	30	34	21.2
	MIN	- 1	-11	- 3	-12	- 2	-18	-17	-15	-21	5	-12	- 9	-11	- 3	- 3	16	10	- 4	- 2	0	-10	16	8	3	18	28	25	25	22	20	22	2.2
MC LEOD 3 E	MAX	19	15	15	11	36	35	10	6	19	25	23	25	26	27	32	25	30	26	19	18	26	43	33	35	38	40	45	45	36	37		27.4
	MIN	- 6	-13	- 5	-16	- 2	-10	-13	-11	-22	8	3	-15	1	0	0	9	18	14	2	2	-10	13	16	7	27	23	29	30	29	27		4.4
MEDORA T R N M P	MAX	22	12	20	33	26	0	- 2	2	15	12	10	24	28	36	38	37	30	19	15	19	52	48	35	46	52	52	52	44	44	40	44	29.4
	MIN	-25	-23	2	14	- 1	-19	-16	-19	-18	- 9	-28	-27	0	20	25	29	10	4	3	3	- 3	30	22	23	25	19	30	25	17	21	19	4.4
MINOT CAA AP	MAX	7	8	7	8	23	- 9	- 5	- 4	9	7	2	9	20	28	32	33	15	8	6	7	35	39	23	34	34	44	40	36	32	28	34	19.2
	MIN	-11	-12	-10	-11	-13	-20	-16	-19	-21	- 9	-16	-15	-11	9	5	14	5	- 1	- 2	- 5	- 5	16	0	13	28	30	25	24	21	15	13	0.6
MINOT EXP FARM	MAX	10	12	8	10	23	12	- 5	- 5	8	7	3	10	19	28	30	33	22	9	7	8	25	37	23	35	32	42	41	37	35	28	35	20.6
	MIN	-14	-15	-13	-13	-13	-21	-17	-19	-22	- 6	-16	-18	-15	6	4	20	5	- 1	- 1	- 5	- 6	20	1	9	27	29	27	24	21	15	18	0.0
MOHALL	MAX	9	2	2	6	19	19	- 6	- 9	4	7	3	7	8	25	25	28	17	8					25	28	30	33	37	35	32	30	29	33	17.4
	MIN	-15	-23	-18	-18	-13	-20	-20	-18	-28	-13	-22	-23	-22	3	- 2	14	5	- 3					15	1	7	25	29	20	20	12	9	13	- 3.3
MOTT	MAX	23	8	16	23	28	4	1	3	9	12	12	12	20	36	31	39	30	15	14	18	44	45	32	44	48	58	49	43	41	35	41	28.8
	MIN	-21	-15	- 4	-16	- 1	-18	-13	-18	-19	- 3	-15	-22	-20	14	13	23	11	2	- 1	- 4	- 5	30	21	16	26	30	32	25	19	20	20	3.3
MUNICH 4 SW	MAX	14	10	9	19	24	30	2	2	9	19	12	12	24	25	29	25	23	14	9	9	19	24	21	31	31	39	40	36	35	32	33	21.8
	MIN	4	-15	- 7	-14	- 6	-19	-21	-12	-23	7	-16	-15	-15	- 1	- 2	16	7	- 8	- 1	0	- 3	11	4	4	20	27	26	27	25	19	22	1.1
NAPOLEON 1 SE	MAX	15	9	7	20	35	22	- 2	- 4	11	20	6	8	15	22	30	38	34	12	9	9	27	40	27	35	33	42	43	35	32	29	33	22.2
	MIN	-10	-15	- 7	-12	1	-19	-16	-21	-24	- 2	-18	-17	-20	- 4	- 6	17	10	- 4	- 4	- 4	- 8	23	12	17	16	26	29	25	17	17	19	0.0
NEW ENGLAND	MAX	28	17	17	23	26	0	- 2	0	10	10	12	16	25	38	32	37	31	16	14	17	50	48	33	44	52	58	53	41	42	39	43	28.8
	MIN	-18	-12	- 1	-11	- 1	-18	-11	-18	-15	- 4	-16	-15	-11	19	19	25	9	2	- 1	- 4	0	32	22	20	25	30	31	24	20	19	19	5.0
NEW SALEM 1 S	MAX	16	6	12	15	32	- 2	- 3	0	10	12	10	15	20	21	22	38	26	11	10	17	25	41	35	34	37	45	43	37	33	28	35	25.2
	MIN	4	-11	- 3	- 5	- 4	-20	-21	-20	-21	-14	-15	-15	-11	- 5	- 8	3	7	- 3	- 1	1	10	22	20	21	24	30	29	27	26	19	16	5.1

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KES	MAX	17	21	14	10	24	41	7	9	1	22	30	14	18	21	28	34	35	28	17	13	14	28	44	29	33	42	48	48	43	38	33	25.9
	MIN	- 4	- 7	0	-15	- 7	-10	-11	-13	-17	-13	- 5	- 4	- 3	0	3	5	26	4	2	2	- 5	- 3	17	11	14	28	32	29	28	23	23	4.1
RK RIVER	MAX	18	14	14	22	30	34	6	7	12	25	22	15	21	27	35	34	28	21	15	14	22	28	25	38	37	43	51	47	39	33	37	26.1
	MIN	11	- 5	5	- 5	0	-13	-11	- 6	-12	11	- 6	0	0	13	9	18	18	3	6	5	- 5	15	7	12	25	31	31	32	28	23	28	8.8
RSHALL	MAX	10	6	10	9	22	11	- 2	- 3	8	8	3	8	12	32	28	35	20	12	9	10	27	35	27	38	34	46	44	37	39	30	35	20.8
	MIN	-22	-29	-29	-25	-11	-20	-20	-20	-28	- 6	-23	-25	-20	7	0	18	5	- 3	- 2	-10	-16	10	10	0	20	29	21	22	15	13	18	- 4.0
MBINA 2N	MAX	20	19	14	26	33	4	7	8	20	27	17	16	24	27	35	26	26	18	14	12	24	25	26	31	33	47	42	33	31	35	32	24.3
	MIN	- 3	- 2	0	- 4	-10	- 8	- 8	-15	-12	- 7	- 7	- 8	- 8	0	6	6	0	5	5	- 6	- 1	5	3	3	24	31	28	23	23	28	25	3.7
TERSBURG	MAX	18	14	12	19	32	31	4	5	9	23	17	16	23	27	34	27	23	17	10	12	23	30	24	35	34	43	47	39	35	30	33	24.1
	MIN	2	-11	3	-11	-11	-13	-15	-10	-18	7	-12	- 9	- 5	3	1	22	13	- 1	5	1	- 9	12	6	6	24	29	28	28	26	21	24	4.4
TTIBONE	MAX	16	11	5	17	29	29	- 1	- 3	8	18	7	10	20	25	29	36	29	12	7	8	25	39	29	35	35	40	40	36	36	32	34	22.4
	MIN	-15	-19	- 5	-14	0	-17	-16	-18	-18	2	-13	-10	-11	1	- 4	18	10	- 4	0	- 1	- 9	20	11	1	15	26	25	25	21	20	21	1.4
RTAL	MAX	7	4	4	2	11	8	-13	-11	-10		5	- 3	7	17	27	31	35	15	6	3	9	30	24	22	34	37	40	34	33	25	29	15.4
	MIN	-16	-20	-18	-11	- 8	-21	-22	-23	-28	- 1	-25	-26	-18		- 1	10	4	- 4	- 8	-15	-11	8	7	7	13	17	18	18	12	3	3	- 5.2
VERS LAKE 1N	MAX	9	1	3	9	15	-12								23	27	31	12	5	4	5	24	32	22	34	34	47	37	34	34	27	33	19.8
	MIN	-26	-30	-21	-20	-16	-23	-24	-24	-30	-14	-24	-32	-13	8	- 7	10	5	- 4	- 5	-10	-15	17	10	4	13	20	19	15	15	8	10	- 5.9
CHARDTON ABBEY	MAX	20	11	15	19	25	2	- 5	0	8	8	6	14	22	32	30	37	28	12	11	14	38	47	27	42	43	54	48	40	38	33	39	24.5
	MIN	-10	- 9	- 2	- 6	2	-19	-15	-20	-15	- 3	-14	-14	-10	14	17	23	8	0	- 3	- 6	- 1	25	18	14	26	32	33	28	24	19	18	4.9
VERDALE	MAX	10	4	6	12	27	- 1	- 4	- 5	9	8	4	12	10	28	26	34	19	9	7	8	26	36	24	35	35	46	43	36	36	28	36	19.5
	MIN	-12	-19	- 9	-14	-14	-21	-17	-19	-22	- 7	-15	-17	-20	3	3	14	6	- 2	- 2	- 5	- 9	21	11	9	22	29	26	23	17	16	17	- 0.2
LLA	MAX	11	15	13	17	27	28	3	5	7	18	8	10	23	32	27	24	18	11	9	11	21	24	24	32	32	43	45	37	31	29	35	21.6
	MIN	- 4	-10	- 6	- 9	- 8	-21	-20	-14	-24	- 5	-10	-10	-15	10		16	3	- 2	- 2	- 1	- 5	11	3	4	21	24	25	28	23	17	20	1.3
GBY	MAX	12	5	5	17	26	29	- 1	- 2	8	15	3	10	16	24	30	29	27	17	8	9	23	29	23	30	35	40	39	37	36	33	38	21.0
	MIN	- 4	-16	-15	-14	- 2	-18	-18	-15	-22	- 1	-18	-18	-18	3	- 1	7	- 9	- 4	- 6	2	-12	18	7	3	28	27	20	22	18	17	22	- 0.5
NISH	MAX	22	12	6	8	8	20	2	- 2	- 6	9	2	2	2	20	30	30	34	12	12	8	12	40	33	27	37	36	48	43	38	38	34	19.9
	MIN	-21	-26	-26	-18	-15	-23	-23	-21	-24	-11	-25	-27	-27	-11	2	3	8	0	0	- 7	- 8	- 2	13	5	14	18	25	24	19	16	19	- 4.8
ARON	MAX	13	15	13	18	33	32	5	4	10	25	20	18	23	28	32	27	25	20	10	12	24	35	28	33	35	41	47	41	34	34	33	24.8
	MIN	4	- 3	- 4	-10	1	-15	-15	-10	-17	8	- 9	- 5	0	3	5	15	11	0	2	2	- 7	15	9	8	16	30	28	28	26	21	25	5.2
ANLEY	MAX		8	10	8	19	-12	- 8	- 8	6	5	- 1	7	12	27	26	32	11	5	4	5	32	35	23	34	36	42	38	35	35	28	34	17.6
	MIN		-16	-18	-22	-21	-24	-21	-24	-27	-16	-20	-26	-16	9	- 6	6	- 1	- 5	- 5	-13	-11	3	7	5	17	20	23	19	14	11	14	- 4.8
SELE	MAX	14	9	9	23	28	20	- 2	- 7	0	17	6	10	17	26	33	40	20	15	14	5	33	45	27	37	38	39	47	35	35	31	35	22.5
	MIN	-17	-18	-12	-17	- 6	-20	-20	-17	-20	-25	-17	-15	-21	- 6	- 5	12	6	0	- 7	- 4	-15	17	9	- 1	10	17	27	21	18	12	16	- 3.2
NER	MAX	18	3	7	18	19	15	- 2	- 5	8	12	2	9	15	24	32	31	22	18	11	15	25	26	34	33	42	45	39	36	36	41	40	21.6
	MIN	- 7	-18	-18	-10	- 2	-18	-19	-15	-25	-18	-16	-15	-22	11	- 2	18	8	- 2	- 1	- 7	-11	8	14	12	15	27	22	17	12	18	15	- 1.0
RTLE LAKE	MAX	12	4	16	29	29	29	- 5	- 4	6	9	5	5		25	30	36	24	9	7	8	27		39	34	37	43	39	35	35	30	34	21.6
	MIN	-18	-24	-21	- 5	- 5	-21	-20	-21	-25	- 7	-19	-21	-24		- 1	17	5	- 5	- 2	- 5	-10		8	0	17	27	23	20	13	12	16	- 3.3
DERWOOD 12 W	MAX	13	7	8	15	30	- 7	- 5	0	10	10	5	5	10	30	30	34	24	12	8	9	32	39	23	35	33	48	38	37	36	36	30	20.5
	MIN	-20	-25	- 5	-23	- 7	-19	-17	-10	-29	- 7	-17	-21	-25	0	- 3	24	5	2	2	- 2	-15	19	13	3	25	28	20	25	19	12	19	- 0.9
HAM WILDLIFE REFUGE	MAX	12	7	6	17	24	25	0	- 1	8	11	8	9	18	29	32	30									37	45	42	39	36	35	43	22.3
	MIN	-10	-26	-19	-22	-12	-18	-20	-16	-30	- 2	-22	-18	-24	3	- 9	18	2	- 5	- 4	- 4	-18	5	2	- 1	20	23	17	21	10	7	15	- 4.4
LLEY CITY	MAX	18	15	12	20	34	34	6	5	10	23	14	19	24	29	35	30	27	25	13	14	28	40	28	36	36	44	49	44	40	34	31	26.4
	MIN	- 4	-15	5	-14	- 2	-12	-14	-12	-20	8	- 7	- 4	- 4	7	0	15	20	8	0	2	- 7	18	13	10	25	25	31	28	25	21	25	5.5
HOOK	MAX	10	6	8	6	21	5	- 3	- 5	8	8	3	5	14	30	28	35	19	10	8	9	29	39	28	37	35	44	39	37		31	35	19.3
	MIN	-21	-27	-17	-18	-10	-21	-21	-22	-27	- 3	-22	-25	-17	10	3	19	7	- 1	- 1	- 7	-10	20	12	5	20	29	25	19		15	18	- 2.3
LVA	MAX	14	7	11	14	28	18	- 3	- 2	9	9	5	10	20	29	32	36	21	12	9	11	27	38	27	36	35	47	44	37	38	30	35	22.1
	MIN	-10	-11	- 8	-15	-15	-18	-16	-17	-24	- 2	-14	-17	-21	8	- 3	21	12	- 2	- 1	- 2	- 7	21	0	7	30	27	25	27	21	16	19	1.0
MPETON STATE SCHOOL	MAX	17	20	20	15	38	38	6	5	14	26	26	18	23	29	29	27	32	27	14	16	21	36	30	32	37	39	38	42	39	31	32	26.4
	MIN	- 6	- 3	9	-10	2	- 8	-11	-13	-22	9	9	3	- 2	2	0	11	23	7	4	2	-10	13	16	6	26	27	30	31	29	24	27	7.3
SHBURN	MAX	15	8	12	18	32	25	- 4		12	14	9	10	14	29	32	38	26	14	11	12	30	39	30	38	37	49	45	39	37	31	36	24.6
	MIN	-14	-18	- 6	-10	0	-18	-20		-19	-20	-15	-15	-19	5	5	22	10	- 1	0	- 3	- 6	24	12	8	23	31	25	26	17	14	17	1.8
TFORD CITY	MAX	13	8	11	11	20	3	- 4	- 6	11	8	4	15	25	35	36	30	18	11	10	12	40	42	29	40	44	51	39	41	40	33	39	22.9
	MIN	-17	-19	- 9	-15	- 5	-23	-18	-23	-19	- 7	-21	-23	- 8	17	6	17	5	- 1	- 3	- 9	- 6	24	16	14	21	32	29	24	22	18	17	1.2
STHOPE	MAX	10	6	6	12	25	6	- 1	- 4	8	10	5	9	12	27	25	26	19	12	11	10	20	24	23	33	33	40	38	36	33	31	35	18.7
	MIN	-15	-25	-23	-19	- 6	-18	-22	-18	-29	- 9	-25	-21	-24	5		8	4	- 5	- 8	-10	-15	8	0	2	22	25	15	20	10	10	16	- 4.9
LLISTON WB CITY	MAX	8	3	11	8	18	- 9	- 8	- 6	11	8	0	11	24	30	33	33	13	11	9	12	40	39	28	38	44	47	39	42	39	31	38	20.8
	MIN	-14	-16	-12	-13	-19	-22	-18	-21	-21	-14	-23	-24	0	15	2	10	2	- 1	- 3	- 6	- 4	21	17	15	22	32	31	27	23	21	17	0.8
LLOW CITY	MAX	9	2	4	12	29	14	0	- 1	8	12	5	12	20	25	30	29	19	13	12	13	23	26	22	31	37	46	39	36	36	33	39	20.5
	MIN	-10	-27	-18	-21	-13	-18	-20	-16	-29	-12	-20	-18	-23	- 2	6	14	0	- 5	- 6	- 5	-14	10	5	0	24	30	31	21	12	14	20	- 2.9
LTON RR STATION	MAX	20	10	5	7	13	29	- 7	- 4	- 5	9	8	3	6	14	23	26	36	18	8	7	8	40	37	24		35	43	40	35	33	29	18.3
	MIN	- 6	-11	-11	-13	-15	-22	-22	-22	-22	-12	-19	-18	-17	- 8	5	9	6	- 4	- 3	- 6	- 8	- 3	9	5	12		23	22	16	12	14	- 3.6
SHEK	MAX	17	22	12	8	20	38	3	4	- 2	24	15	- 6	8	18	21	31	40	26	10	9	9	36	40	22	37	35	46	43	35	33	29	22.0
	MIN	-13	-14	- 4	-17	- 1	-16	-15	-20	-23	- 7	-14	-12	-14	- 7	- 8	2	16	- 3	- 3	- 3	-10	1	13	3	17	16	29	26	20	19	20	- 0.7

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
MARCH 1951

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Almont 7 SW	SNOWFALL		0.3	0.1		T	1.3	18	18	18	T	17	17	17	0.3	17	T	17	17	17	17	16	14	0.2	10	8	5	3	1			
	SN ON GND	17	17	17	17	17	18				17				17	17	17							13							
Amenia	SNOWFALL	5.0		2.0				1.0			2.0						1.0												T	T	1.0
	SN ON GNO	10	10	12	11	5	5	6	6	6	8	8	8	7	7	6	6	6	6	6	5	5	4	3	2	T	T	T	T	T	T	
Ashley	SNOWFALL		T	1.0				0.5	1.5								1.0								0.5						
	SN ON GND	16	16	17	17	16	16	17	18	18	18	18	18	17	17	15	15	14	14	14	14	13	9	8	6	5	3	2	1	1	1	1
Beacb	SNOWFALL								T		T				1.0	T	1.0	T						T					T		
	SN ON GND	5	4	4	4	3	3	2	2	2	2	2	2	2	3	2	1	1	1	1	1	1										
Bismarck WB Airport	SNOWFALL	T	0.4	T		1.6		0.2		T	0.4			T	0.2		T	T	T	T	T		0.2	0.6	0.2					T	
	SN ON GND	14	13	13	13	12	14	14	14	14	14	14	13	13	13	12	10	10	10	10	10	9	7	7	5	4	3	3	2	2	2	2
Carson 2 SW	SNOWFALL				T	T		T		T	T			T			T							T							
	SN ON GND	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	10	10	10	10	10	9	7	7	4	3	1	-				
Center	SNOWFALL																T						T									
	SN ON GND	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	21	21	21	21	21	21	19	19	18	15	10	7	5	5	4	
Crosby	SNOWFALL	T				-	0.3	0.7	T		2.0			T	T		2.0							T				T				
	SN ON GND	21	21	21	21	24	24	24	24	23	25	25	25	24	23	23	23	23	23	23	23	22	22	21	20	18	17	15	15	14	14	1
Devils Lake WB City	SNOWFALL	0.5	T			0.7	1.1	0.1	0.1	T	1.5			T	T	T	2.3	T	T	0.1	0.1	T	T	T		0.3		T	T	T	T
	SN ON GNO	9	9	9	9	9	10	10	10	10	12	12	12	11	10	9	11	11	10	10	11	9	8	7	6	6	2	1	T	T	T	T
Dickinson CAA AP	SNOWFALL		T	T	T	T		0.1		T	0.1		T	0.2	0.4	0.1	0.4	T	T	T			0.3	T						T	
	SN ON GND	9	9	9	9	9	9	9	9	9	9	9	9	9	10	10	10	10	10	10	6	3	1	1	1	1	T	T	T	T	T	T
Dunn Center	SNOWFALL	1.2					0.3		T		0.8				0.4		0.2	1.3	T	T				T							
	SN ON GNO	19	19	19	19	19	19	19	19	19	19	19	19	18	18	17	16	16	16	16	16	16	15	14	13	11	8	7	7	6	5	
Edgeley Exp. Farm	SNOWFALL			4.0			0.5	0.5							T	T	T			T	2.0		T			0.3					
	SN ON GNO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ellendale	SNOWFALL	0.5	1.0	4.0				2.5	T		0.5						T	T						T	1.0				0.1	T	T
	SN ON GND	12	13	17	16	15	15	17	17	17	17	17	17	16	16	15	15	14	14	14	14	13	11	11	10	8	5	2	1	-	1	
Fargo WB Airport	SNOWFALL	0.4	0.4	1.1		T	T	3.4	T		3.0	0.1	0.1	T			0.6	0.1	0.5	0.5	0.5			T	T				T	0.3	0.
	SN ON GND	13	13	14	14	12	10	13	13	12	13	15	15	15	13	12	12	13	13	14	14	14	10	9	8	5	4	2	1	T	T	
Forman	SNOWFALL		T	7.0				-				-	-						-	-				-							-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort Yates	SNOWFALL		3.0					0.5							T		T		T				T	0.5	T						
	SN ON GND	15	18	18	18	18	18	19	19	19	19	19	19	19	19	18	18	18	18	18	18	18	18	17	14	12	6	3	2	1	1	
Grafton State School	SNOWFALL	0.8			T		T	T	0.4		2.0	0.5																		T	0.
	SN ON GND	3	3	3	3	3	3	3	3	3	5	5	5	5	5	3	3	3	3	4	5	3	3	3	2	1	1	T	T	T	T	T
Grand Forks CAA AP	SNOWFALL	0.8	T	0.5	T	T	T	0.4	T	T	3.3	T					0.9	T	0.6	1.1	0.1								T		0.4	0.
	SN ON GND	4	4	4	4	4	3	3	3	3	6	7	6	5	5	3	4	4	4	5	5	5	4	3	3	1	T	T	T	T	T	
Hettinger	SNOWFALL		-	-								-											-	-								
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Jamestown CAA AP	SNOWFALL	0.2	0.3	2.4		T		0.8			0.9			T	T		4.0		T	0.3	T			0.2	0.3	1.2				T	T	
	SN ON GND	11	11	14	13	13	12	12	13	13	14	14	13	12	12	10	13	12	12	12	12	10	7	7	6	5	3	2	1	T	T	
Langdon Exp. Farm	SNOWFALL	0.7					2.0	T	0.7		0.5						1.0	T	T	0.7	0.9											
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Linton	SNOWFALL		0.5					0.5			T																				
	SN ON GND	15	16	16	16	15	15	16	16	16	16	16	16	16	16	15	14	14	14	14	14	12	8	8	6	4	3	2	T	T	T	
Lisbon	SNOWFALL	-		-					-			-						T			T					-					
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marmarth	SNOWFALL		1.0		0.5			0.5						0.5			2.0	0.5					0.2	T							
	SN ON GND	5	6	6	6	6	6	6	6	6	6	6	6	6	3	1	1	1	1	1	1											
Mayville	SNOWFALL	1.2		0.8				1.2	T		2.0	0.3					1.0	T	T	0.5	T			T						T	
	SN ON GND	5	5	5	5	4	4	5	5	5	7	7	6	6	5	5	6	6	6	6	6	5	4	4	4	4	3	3	2	2	1	0.
McClusky	SNOWFALL					0.2	0.1				0.1	0.1								0.5	1.0											
	SN ON GND	21	21	21	21	21	21	21	21	21	21	21	21	20	20	20	20	19	19	19	19	19	18	18	16	16	13	10	7	5	5	
McHenry 5 N	SNOWFALL	0.8				T	0.4	T	0.1		0.2						1.0		T	0.2	0.3					T				T		
	SN ON GND	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16	17	17	17	17	17	17	16	16	15	14	11	9	8	7	6	
Medora TRNMP	SNOWFALL							0.3	0.2					0.3	0.6		1.6						T									
	SN ON GND	11	11	10	8	7	7	7	7	6	6	6	6	6	6	4	4	4	4	4	4	2	2	2	1	T	T	T	T			
Minot CAA AP	SNOWFALL	T	T			1.0	1.3	0.4	T		1.0				T		2.1	T		T			T	1.2				1.6			T
	SN ON GND	8	8	8	8	8	10	10	10	10	11	11	10	10	10	10	12	12	11	11	10	10	10	10	10	9	7	8	5	4	4	
Mohall	SNOWFALL	0.6				1.3		T		0.5	3.0				0.2		3.3	2.0						0.2				0.5			
	SN ON GND	28	28	28	28	30	30	30	30	31	34	34	34	34	34	34	37	39	39	39	39	39	39	39	-	-	36	36	-	-	-	
Mott	SNOWFALL		0.7	0.5				T		T	0.4				1.0			T	T	T				0.5							
	SN ON GND	12	12	13	13	13	13	13	13	13	13	13	12	12	12	12	10	10	10	10	9	6	6	4	2							
Napoleon 1 SE	SNOWFALL	2.0	T	2.0		T		1.0	0.5	T	0.2			T	T		1.0	T	T	0.8	0.5	T		0.2	0.5			T			
	SN ON GND	10	10	12	12	12	12	13	13	13	13	13	13	13	12	12	13	13	13	13	14	14	12	12	10	9	6	4	4	3	3	
Parshall	SNOWFALL					1.5	0.5	0.5		T	1.0						2.0	1.0	T					T				T			
	SN ON GND	14	14	14	14	15	16	16	16	16	17	17	17	17	17	17	19	20	20	20	20	20	19	19	17	16	13	10	8	5	5	
Pembina 2 N	SNOWFALL					T		T		-	1.5						1.5	T				T					T					
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petersburg	SNOWFALL						0.5	T	0.2	T	1.5						0.7		T	1.4	1.3											
	SN ON GND	10	10	10	10	9	9	9	9	9	10	10	10	9	9	8	8	7	7	8	9	9	8	8	7	6	5	3	2	2	1	
Pettibone	SNOWFALL	0.4		0.2				0.1	0.1		0.2						1.0		0.2	0.5	0.1											
	SN ON GND	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	11	11	11	9	6	4	3	3	3	
Portal	SNOWFALL	2.0					T	1.0	T								1.0	2.0						T					1.7		
	SN ON GND	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	20	22	22	21	21	21	20	19	17	14	14	14	14	12	12	
Richardton Abbey	SNOWFALL		T			T	0.3	0.1	T		0.3				T	0.3	0.6	T	T					0.4							
	SN ON GND	15	15	14	15	15	15	15	15	15	15	15	15	15	15	14	14	14	14	14	14	12	9	9	7	5	3	3	2	2	2	
Riverdale	SNOWFALL	T					0.2	1.0		0.2	0.2				0.2		1.5	0.2	T	T			T	0.1	0.2						
	SN ON GND	20	20	21	20	20	20	20	20	20	20	19	19	18	18	18	19	14	19	19	19	19	18	17	17	15	12	10	8	8	8	

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Stahon		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
lla	SNOWFALL	0.5				T	1.5	0.5	T	0.5	1.0						1.5	T					T	T		1.5					T	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gby	SNOWFALL	-				0.3	-	-			-				T		1.0	0.2	T	T	0.2			1.0								
	SN ON GNO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
iron	SNOWFALL	2.0				T	T	1.0			2.0						0.5		T	1.0											T	
	SN ON GNO	7	7	7	7	7	7	8	8	8	10	10	10	10	10	9	9	9	9	10	10	10	8	8	6	4	2	1	1	1	T	T
anley	SNOWFALL	T			T	1.0	0.5	1.0	1.0								6.0	5.0	2.5													
	SN ON GND	18	18	18	18	19	19	20	20	20	20	20	20	20	20	20	22	25	26	26	26	26	25	25	25	23	19	17	17	17	17	16
bele	SNOWFALL	1.0	T	1.0		T	T				T						T		T	T				T	T							
	SN ON GND	12	12	13	13	13	13	13	13	13	13	-	-	-	-	12	10	-	-	-	-	-	-	10	9	9	-	6	5	-	-	4
ham Wildlife Ref.	SNOWFALL					0.6	1.0	0.5			1.0						2.5							T		1.0						
	SN ON GNO	13	13	13	13	14	15	15	15	15	16	16	16	16	16	16	19	19	19	19	19	19	19	19	18	19	-	17	-	-	-	13
iva	SNOWFALL	1.5				0.3	1.7	1.0			0.5				T		1.5		T	T				0.3				T	T			
	SN ON GND	11	11	11	11	11	13	14	14	13	14	13	13	12	11	10	12	12	12	12	12	11	10	10	9	8	7	5	5	4	4	4
ppeton State School	SNOWFALL	2.0	T	2.0				2.5	0.5		2.0	2.5	1.0				0.5	2.0	0.5	0.5	0.5										T	2.0
	SN ON GND	12	11	11	10	8	8	10	10	10	12	14	15	15	14	13	13	15	15	15	15	15	13	12	11	10	8	6	4	3	3	4
xford City	SNOWFALL						1.5		0.5		-				0.5		0.5	1.5														
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
illiston WB City	SNOWFALL		T	T	T	0.4	T	0.4		T	1.0		T	0.4	T	T	0.3	T	T	T			0.1	T				T	T		T	
	SN ON GND	15	14	14	14	14	13	14	14	14	15	15	15	15	15	14	14	14	14	14	14	11	11	11	9	8	6	2	T	T	T	T

REFERENCE NOTES

four digit identification numbere in the index number column of the Station Index are assigned on a state hasis. There will he no duplication of numhers bin a state.

ures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

ervation times given in the Station Index are in local standard time.

ayed data and corrections will he carried only in the June and Oecember issues of this bulletin.

thly and seasonal snowfall for the preceding 12 months will he carried in the June issue of this hulletin.

tions appearing in tbe Index, hut for which data are not listed in the tables, are either missing or received too late to he included in this iseue.

ess otherwise indicated, dimensional units used in this hulletin are: temperature in °F, precipitation and evaporation in inches, and wind movement in es. Evaporation is measured in the etandard Weather Bureau type pan of 4 foot diameter unless otherwise sbown hy footnote following Tahle 6.

et and hail were included in snowfall averages in Tahle 1, beginning with July 1948.

unts in Tahle 4 are from recording gages. Traces are not shown.

unts in Tahle 3 are from non-recording gages, unlees otherwise indicated.

a in Tahles 3, 5, 6, and snowfall data in Tahle 7 are for the 24 boure ending at time of observation. See the Station Index for ohservation time.

w on ground in Tahle 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 CST.

- No record in Tahles 3, 4, 6, 7, and the Station Index. No record in Tables 2 and 5 ie indicated hy no entry. When hourly precipitation is missing or accumulated for several days, only the first and last daye are shown in Tahle 4.
+ And also on a later date or datee.
* Amount included in following measurement, time distrihution unknown.
// Gage is equipped with a windshield.
6 Station not equipped with a recording gage. See Tahle 4 for 6-hourly measured amounts.
B Adjusted to a full month.
E Water equivalent of enowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Tahle 5 for detailed daily record. Degree Oay data, if carried for this etation, bave heen adjusted to represent tbe value for the full month.
R Oaily values and monthly total from recording gage. All other data in Tahle 3 are from non-recording gages.
T Trace, an amount too small to measure.
V Includes total for previous month.
SS This entry in time of observation column in Station Index means observation made near sunset.

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W.B.O,, Kansas City, Mo. -- 5-1-51 -- 1085

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	98 06	-		6P	Myron J. Bata	3
Alexander RR Station	0096	McKenzie	13	47 50	103 38	1200		6P	Arthur J. Bauman	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Rogan Ramsland	2 3 5 7
Alpha 1 S	0149	GoldenValley	7	46 37	103 49	-		7P	H. A. Bury	3
Ambroee	0189	Divide	12	48 58	103 28	2080		6P	Ronald L. Hanson	3
Amenia	0196	Cass	11	47 00	97 13	980	SS	SS	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 30	103 19	2910	8A	8A	Tafield Zundel	2 3 4 5
Antler	0263	Bottineau	12	48 58	101 20	1540			W. H. Wegner	3 4
Arvilla State Park	0369	Grand Forks	10	47 58	97 30	860	6P	8P	Albert Thoren	2 3 4 5
Ashley	0382	McIntosh	8	46 02	99 22	2025	8A	8A	Soo Line Agent	2 3 4 5 7
Baldhill Dam	0450	Barnes	11	47 02	98 05	1300	8A	8A	F. A. Johnson	2 3 5
Balfour	0492	McHenry	12	47 57	100 32	1615		M1D	Raymond E. Meller	3 4
Balta	0500	Pierce	11	48 10	100 02	-		6P	Nick Schaan	3
Bantry	0516	McHenry	12	48 30	100 36	-		6P	Temple K. Roberts	3
Beach	0590	GoldenValley	7	46 55	104 01	2814	6A	6A	Luther F. Hodgin	2 3 4 5 7
Belcourt Indian Ree.	0626	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 4 5
Belfield	0639	Stark	4	46 52	103 11	2592	7P	7P	Carl Indergaard	2 3 5
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Coa	3
Beulah	0766	Mercer	6	47 16	101 47	1780		7P	Knife Riv. Coal Co.	3 4
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5
Bismarck WB City	0814	Burleigh	8	46 48	100 48	1870	9A	9A	U.S. Weather Bureau	2 3 5
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	M1O	M1D	U.S. Weather Bureau	2 3 4 5 7
Bottineau	0941	Bottineau	12	48 50	100 27	1638	8A	8A	N.D. Schl of Frstry	2 3 5
Bowbells	0961	Burke	12	48 48	102 15	1953	8A	8A	Fella L. Adame	2 3 5 7
Bowbells 5 6	0966	Ward	12	48 47	102 08	1925	8A	8A	Development Fare	2 3 5 8 7
Bowmen Court House	0995	Bowman	3	48 11	103 23	2872	5P	5P	D. 8. Hook	2 3 4 5
Bowman 11 SE	0996	Bowman	3	46 04	103 19	-		6P	Bernard L. Domagala	3
Bowman 30 NNW	1001	Slope	8	46 35	103 31	-		5P	Robert L. Haneon	3
Brelen	1052	Morton	1	46 24	100 57	1720		M10	Frank E. Potter	3 4
Butte	1225	McLean	12	47 50	100 40	1880	5P	5P	Art F. Peterson	2 3 5
									Harry E. Harrle	3 4
Cando	1288	Towner	2	48 29	99 12				Soo Line Agent	2 3 5
Carrington	1360	Foster	5	47 27	99 0b	1579	7A	7A	Vincent Muggli	3 4
Carson	1365	Grant	4	48 25	101 34	2300		M1D	J. W. Evens	2 3 5 7
Carson 2 SW	1370	Grant	4	46 23	101 35	2500	7P	7P	T. W. Thorsteinson	2 3 5
Cavalier	1435	Pembina	8	48 48	97 38	894	5P	5P		
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	R. J. Lockner	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		5P	G. H. Hanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1954	7A	7A	Vernon V. Nichols	2 3 4 5 7
Dawson	2018	Kidder	8	46 52	99 45	1730		M1D	Ralph W. Wiee	3 4
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	M1D	M1D	U.S. Weather Bureau	2 3 4 5 7
Dickinson CAA AP	2183	Stark	4	46 48	102 48	2587	M1D	M1D	U.S.Civil Aero Adm	2 3 4 5 7
Dickinson Exp. Station	2168	Stark	4	46 53	102 48	2460	7A	7A	Leroy Moomaw	2 3 5 6
Donnybrook	2242	Ward	12	48 31	101 53	1760		6P	William Bowman	3
Drake	2298	McHenry	12	47 55	100 22	1634	8P	8P	Paul Kuntz	2 3 5
Dunn Center	2385	Dunn	6	47 21	102 37	2191	6A	6A	Charles C. Neustel	2 3 5 7
Dunseith St. Sanitarium	2385	Rolette	12	48 50	100 02	2001	5P	5P	N.D. State Hospital	2 3 5
Eckman	2472	Bottineau	12	48 39	101 03	1500	7A	7A	E. R. Sherman	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	96 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 4 5 6 7
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1524	8P	8P	Mike Oavis	2 3 5
Elbowoods	2570	McLean	8	47 35	102 09	2082	6P	6P	R. W. Case	2 3 5
Elgin 5 S	2592	Grant	1	46 21	101 49	-		6P	Art A. Eslinger	3
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	8P	Paul Greene	2 3 5 7
Epping	2735	Williams	8	48 18	103 21	2224	6P	6P	T. Beachler	2 3 5
Esmond	2767	Benson	11	48 02	99 46	1650		M1D	Lyle O. Fering	3 4
Fairfield 8 N	2809	Billings	7	47 19	103 12	2650		6P	Mrs. Edith Larson	3
Fargo WB Airport	2859	Cass	10	46 54	96 48	895	M1D	M1D	U.S. Weather Bureau	2 3 4 5 7
Fessenden	2949	Wells	5	47 39	99 37	1610	6P	6P	John V. Zuber	2 3 5 7
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George W. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmer W. Dunham	3
Forman	3117	Sargent	10	46 06	97 38	1249	6P	6P	Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	8	46 06	100 38	1640	SS	SS	Stand Rk Indian Agy	2 3 4 5 7
Foxholm Wildlife Refuge	3217	Ward	12	48 27	101 33	1609	5P	5P	U.S.Wildlife Refuge	2 3 5
Fryburg	3277	Billings	4	46 53	103 18	2790		7A	Herman J. Way	3 4
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5
Gackle	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvil Hummel	2 3 5
Garrieon	3376	McLean	8	47 38	101 25	1911	M1D	M1D	Albert J. Beirele	2 3 4 5
Gladstone 22 N	3446	Dunn	6	47 11	102 39	-			Richard Bailey	3 4
Glen Ullin	3496	Morton	4	46 49	101 49	2090		M1D	Frederick J. Ahorn	3 4
Glen Ullin 18 N	3501	Mercer	6	47 04	101 47	-		6P	Adam W. Heier	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	-		6P	Robert H. Backfiecb	3
Golva 1 SE	3556	GoldenValley	7	46 47	103 57	2780		M1D	U.S.Civil Aero Adm	3 4
Grafton State School	3594	Walsh	10	48 25	97 26	827	5P	5P	Dr. J. C. Lamont	2 3 5 7
Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	834	M1D	M1D	U.S. Civil Aero Adm	2 3 4 5 7
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	M1D	7P	University of N. D.	2 3 5
Grand Rapids 1 N	3665	La Moure	5	46 29	98 21	1360	6P	6P	Albert J. Nese	2 3 5
Grano	3676	Henville	12	48 37	101 35	1625		M1D	Oswald H. Bjornlie	3 4
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Hoble	2 3 5
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660			Sam Charchenko	3 4
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	-		6P	Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 56	2114	5P	5P	L. D. Nielson	2 3 5
Haley	3836	Bowman	3	48 58	103 08	-			J. E. Crawford	3 4
Halliday	3846	Dunn	6	47 21	102 20	2073		6P	John Kisne	3 4
Hankinson RR Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Bannaford	3926	Griggs	11	47 16	98 12	1428		M1D	Helen Beneon	3 4
Bannah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
Hansboro	3963	Towner	9	48 57	99 23	1597	7P	7P	W. E. Disher	2 3 5
Harvey Water Works	4013	Wells	11	47 45	99 53	1596		6P	H. J. Reysolds	3
Baynes 6 NE	4073	Adams	1	46 01	102 24	2640		M1D	Byron B. Bobb	3 4
Hazelton RR Station	4083	Emmons	8	46 29	100 17	1978		M1D	Ephrain Zacher	3 4
Hettinger	4178	Adams	3	46 00	102 38	2680	6A	6A	Gerbard Cbrietianso	2 3 4 5 7
Hettinger 17 N	4186	Adams	1	46 15	102 39	-		6P	O. J. Gerbracht	3
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Hurdsfield	4343	Wells	5	47 27	99 55	1915		M1D	Mre. Ruth Buchsitz	3 4
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1497	M1D	M1D	U.S. Civil Aero Adm	2 3 4 5 7
Jamestown State Hospital	4418	Stutsman	5	46 53	98 40	1457	7P	7P	N.D. State Bospital	2 3 5
Keene	4571	McKenzie	8	48 00	102 55	-		6P	Donald W. Lund	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo E. Eckberg	2 3 4 5
Kensal Wildlife Refuge	4656	Stutsman	5	47 15	98 52	1440	7P	7P	U.B.Wildlife Refuge	2 3 5
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		7A	Leonard J. Davis	3
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	-		M1D	Paul A. Kretschmar	3 4
Langdon Exp. Farm	4956	Cavalier	9	48 45	98 21	1615	5P	5P	V. Sturlaugson	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	C. L. McKeen	3
Larimore	5013	Grand Forks	10	47 54	97 38	1134	5P	5P	Bennie Engen	2 3 5
Leeds	5078	Benson	2	48 17	99 26	1515	7P	7P	John Fager	2 3 5
Lefor 10 E	5088	Stark	4	46 38	102 21	2580		5P	Josepb Link	3
Linton	5210	Emmons	8	46 16	100 14	1711	8P	6P	William Heyerman	2 3 5 7
Lisbon	5220	Ransom	11	46 26	97 41	1091	7A	7A	Robert W. Jodeaae	2 3 5 7
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	6P	6P	Beoson Cy Agr Schl	2 3 5
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Fleld Sta.	2 3 4 5 6
Mandan Ft. Lincoln Park	5484	Morton	8	46 47	100 52	1700	6P	6P	Park Supt.	2 3 5
Marmarth	5573	Slope	7	46 18	103 55	2714	6P	8P	S. P. Grane	2 3 5 7
Marmarth W D U Co.	5575	Slope	7	46 18	103 55	2710			E. B. Jestoes	3 4
Martin	5610	Sheridan	11	47 50	100 07	1610		6P	Joho W. Magnuson	3
Max	5638	McLeao	8	47 49	101 17	2093	7A	6P	Boo Line Agent	3 3 5
Mayville	5660	Traill	10	47 3	97 19	975	6P	6P	H. A. Ragaz	2 3 5 7
McClusky	5710	Sheridao	8	47 29	100 29	1943	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor RR Station	5720	Williams	8	48 3%	102 56	-		M1D	Hartvin Hermanson	3 4
McHenry 5 N	5730	Eddy	11	47 38	98 35	1509	8P	8P	C. E. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5764	Nelsoo	10	47 4%	98 11	1467		6P	N. H. Knifefel	3
Medina 1 W	5798	Stuteman	8	46 53	99 19	-		6P	Rudolph Graf	3
Medora TRNMP	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S.Forest Bervic-	2 3 5 7
Melville	5833	Foster	5	47 20	99 02	1625		M1D	Edgar S. Stegmeler	3 4
Minot CAA AP	5888	Ward	12	48 15	101 17	1724	M1D	M1D	U S Civil Aero Adm	2 3 4 5
Minot Exp. Farm	5993	Ward	12	48 10	101 18	1720	6P	6P	N C Agri Exp Sta	2 3 5
Moffit RR Station	6015	Burleigh	8	46 41	100 18	1760		8A	Soo Line Agent	3
Mohall	6025	Renville	12	48 46	101 31	163B	9P	8P	Iver Johnson	2 3 5
Montpeller	8105	Stutsman	5	48 42	98 35	-		8A	Rolf Haneon	3
Mott	8155	Hettinger	1	46 23	102 20	2420	SS	8S	Forreet E. Coffing	2 3 4 5
Munich 4 SW	6185	Cavalier	2	48 38	98 53	1588	7P	7P	Harold Feldner	2 3 5
Napoleon 1 SE	6255	Logan	8	46 29	99 45	1955	7P	7P	Gladye J. Peterson	2 3 4 5
New England	6315	Hettinger	1	46 33	102 52	2621	5P	5P	Adoa S. Batcb	2 3 5
New Hockford 7 WNW	6355	Eddy	5	47 33	88 16	1550		6P	Richard Steinbach	3
New Salem 1 S	8365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Koetek	3
Northgate	6535	Burke	12	49 00	102 16	1850			U S Customs Statloo	3 4
Oakee	6620	Dickey	5	48 08	98 05	1320	8A	8A	C. M. Hagen	2 3 4 5
Park River	6857	Walsh	10	48 23	97 45	988	5P	5P	Martin Severeon	2 3 5
Parshall	6887	Mountrail	8	47 57	102 08	1829	6P	6P	C. E. Shubert	2 3 5
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	7A	7A	U S Customs & Immig.	2 3 4 5
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Woneon	2 3 5
Pettibone	7047	Kidder	8	47 07	99 31	1860	7P	7P	L. H. Dethloff	2 3 5
Portal	7201	Burke	12	49 DD	102 33	1954	8A	8A	U S Cuetome Service	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Leer	3
Raub	7405	McLean	8	47 44	102 04	-		M1D	Alvin Larson	3 4
Reeder	7450	Adams	3	46 06	102 57	2810		6P	Henry A. Donner	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2860		8A	Chae. M. Wetzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2467	5P	5P	Assumption Abbey	2 3 4 5
Riverdale	7585	McLean	8	47 3D	101 21	1910	5P	5P	Corps of Engineers	2 3 4 5 6
Rolette	7655	Rolette	12	48 40	99 50	1625	M1D	M1D	George F. Gebree	3 4
Rolla	7664	Rolette	9	48 52	99 37	1660	7P	7P	Theo B. Fagerlund	2 3 5
Rugby	7704	Pierce	12	48 22	100 00	156D	6P	6P	Frank Hornetein	2 3 5
Ryder	7749	Ward	8	47 55	101 40	2108		9A	S. C. Schellenbaum	3 4
Sanish	7834	Mountrail	8	47 59	102 32	1835	7A	7A	B. J. Bugge	2 3 5
Sarlee	7844	Cavalier	9	48 57	98 0D	1585		M1D	Clarence J. Olson	3 4
Scranton	7932	Bowman	3	46 09	103 0B	-		6P	Henry M. Soehren	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	2183		7P	L. E. Wilson	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5
Sherwood	8047	Renville	12	49 G0	101 38	1647		6P	U S Customs Service	3
Sheyenne	8057	Eddy	11	47 50	99 07	15D0		M10	Pehr A. Peterson	3 4
Shield	8065	Grant	1	46 14	101 07	-		6P	Edwin O. Carlson	3
Stanley	8276	Mountrail	8	48 18	102 24	2260	7P	7P	Leroy Edwards	2 3 4 5
Steele	8366	Kidder	8	46 51	99 55	1657	6P	8P	Leon V. Lesher	2 3 5
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	George N. Pilgard	3
Tioga	8737	Williams	8	48 24	102 56	2279		6P	L. A. Simon	3
Tolley 4 NE	8764	Renville	12	48 46	101 47	-		6P	Carmie Nelson	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trottera	8807	GoldenValley	13	47 20	103 54	2420		5P	Walter Grunewald	3
Trottere 3 S	8812	GoldenValley	13	47 17	103 54	2420		M1D	John O. Nellermoe	3 4
Turtle Lake	8840	McLean	8	47 31	100 53	1899	5P	5P	Art Klungtvedt	2 3 5
Tuttle 8 SW	8850	Kidder	8	47 02	100 D4	1936		8P	Adam Leno	3
Underwood 12 W	8877	McLean	8	47 26	101 24	175D	6P	8P	Mrs. F. W. Wattoon	2 3 5
Upham Wildlife Refuge	8913	McHenry	12	48 37	1DD 44	1425	5P	5P	U S Wildlife Refuge	2 3 5
Valley City	8937	Barnes	11	46 55	98 0D	1229	6P	6P	Wise I.C.Robertson	2 3 5
Van Hook	8970	Mountrail	8	47 57	102 21	1864	9P	9P	Erwin A. Ventech	2 3 5
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5
Verona	9035	La Moure	5	46 22	98 04	-		10A	Louie J Frandson	3
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		M1D	Victor Burton	3 4
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5
Walhalla	9155	Pembina	9	48 56	97 54	950	*	7P	Joseph A. Wenier	3
Washburn	9195	McLean	8	47 17	101 02	1731	6P	6P	Fred F. Jefferle	2 3 5
Washburn Water Works	9205	McLean	8	47 17	101 02	1730			Washburn Water Wks	3 4
Watauga 8 N, S. Dak.	9219	Grant	1	46 02	101 34	-		6P	John C. Spicer	3
Watford City	9233	McKenzie	8	47 4%	103 17	2084	BP	8P	J. C. Teller	2 3 5
Watford City 11 E	9238	McKenzie	8	47 47	103 02	-		M1D	Ida Peterson	3 4
Westhope	9333	Bottineau	12	48 55	1D1 01	1508	6P	6P	Rev. H Carey	2 3 5
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jopathan Winkjar	3
Williston WB City	9425	Williams	8	48 09	103 35	1877	M1D	M1D	U S Weather Bureau	2 3 4 5
Willow City	9445	Bottineau	12	48 36	100 17	1471	8P	8P	D. M. Sanderson	2 3 5
Wilton RR Station	9455	McLean	8	47 09	100 48	2159	6A	8A	Soo Line Agent	2 3 5
Wiehek	9515	McIntosh	8	46 16	99 34	201D	8A	8A	H. M. Larson	2 3 5
Zahl	9635	Williams	8	48 34	103 41	200D		6P	Ola Severteen	3

‡ Drainage Code: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Sourls 13. Yellowstone

Reference Notes for this issue may be found on Page 49.

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Nat. Hist.

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
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CLIMATOLOGICAL DATA

NORTH DAKOTA

APRIL 1951
Volume LX No. 4



KANSAS CITY: 1951

NAT'L HIST

NORTH DAKOTA - APRIL 1951

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

April temperatures averaged slightly below normal in all sections, with minimum readings below freezin nearly every morning from the 10th to the 25th. The last five days of the month were warm. Precipi tation averaged about one third of the April normal, with half of it falling as snow. Most of th precipitation occurred during the last half of the month and with the greatest amounts in the weste sections.

The mean temperature for the month was 38.5° which is 2.8° below normal. This followed a very col March which made the winter longer than usual. The average temperature for the eastern division wa 39.7° or 1.5° below normal; the average for the central division was 38.4° or 2.9° below normal; th average for the western division was 37.7° or 3.8° below normal. The highest temperature for the mont was 84° on the 28th and other dates at eight stations in the southern half of the state; the lowes was 5° above zero on the first at Bowbells. This makes an absolute range of 79°. The highest mea temperature was 43° at Ellendale; the lowest mean temperature was 33.6° at Bowbells. The precipitatio over the state averaged 0.81 inch or 0.61 inch below the normal. The average for the eastern divisio was 0.74 inch which is 0.97 inch below the normal; the average for the middle division was 0.77 inc which is 0.56 inch below normal; the average for the western division was 0.91 inch or 0.30 inch belo the normal. The greatest monthly total precipitation was 3.05 inches at Bowman 11 SE and the leas monthly precipitation was 0.16 inch at Lefor. The average snowfall in the eastern division was 2 inches; in the middle division, 3.6 inches; and in the western division, 3.3 inches. The average snow fall for the state was 3.1 inches or .2 inch below the April normal.

The month opened with heavy snow on the ground in the north-central part of the state, but with litt or no snow on the ground in the south, extreme east, and extreme west. Much of the snow in the nort central areas was in huge drifts and little or no farm work was accomplished there. In the southe counties much planting was completed by the close of the month and some ranchers in the southweste part of the state were moving their cattle out on the range. Although April was a dry month, so moisture was adequate in all sections and it was too wet in the north-central sections..

Winds averaged mostly near normal, but they were above normal in the southeast sections. On the 29 strong southeasterly winds, with gusts frequently to near 60 miles per hour, caused damage to buildin and other property at widely scattered places in the state. Some blowing dust also occurred in t drier sections. Hailstorms occurred in several western counties on the 29-30th, one of the earlie hailstorms on record in the state. Some of the hailstones were more than an inch in diameter but the were no crops to be damaged. The floods on the Heart and Knife Rivers, which began in March, subsid during the first week of April. Considerable flooding occurred over the Red River Valley, especial in the Fargo area, from the 12-18th of April. The Fargo crest of 26.8 feet was 9.8 feet above flo stage. Fortunately rainfall below normal at Fargo kept the crest lower than it would have been wi normal precipitation.

The condition of livestock remained good. Spring calving and lambing was well along at the close the month and newborn stock was doing well. Pastures were somewhat backward but were improving.--F

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ACKNOWLEDGMENTS

In addition to the climatolngical data from some 6,000 Weather Bureau and cooperative weather etatione, this bulletin series contains recorde from Bydroclimatic Network Stations which were formerly reproduced in the Bydrologic Bulletin Series. The Bydroclimatic Network is a nationwide net of rain gages --moetly of the recording type which produce continuoue recorde of precipitation. It was established in 1939 at the request of the Cnrps of Engineers, Department of the Army, to supplement exieting precipitation stations in order to prnvide records of rainfall intensity which were eesential to the planning of flood control and related worke by the Corps of Engineere. This Network, now numbering about 2,000 recnrding, and 1,000 non-recording rain gagee, has been maintained by the Weather Bursau through working funds transfsrved annually to the Weather Bureau by the Corps of Engineere. Theee tranefere averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 eince that date. For the years 1940-42, the Department of Agriculture transferred abnut $100,000 per year to provide data required in its work, and sincs 1947 the Bureau of Reclamation hae transfsrred abnut $25,000 per year to meet the increasing neede of their program in the Wsetern Statee.

Previoue to the introduction of thie bulletin series, data from Bydrocli Network statione were preeented in bulletine (Hydrologic Bulletins) were iesued monthly for each of S drainage areas embracing the entire U Statee, but since the Network was established to meet the internal rsq ments of the Federal agencies referred to above, no provision was mad public diasemination of the data, dietribution being limited to cooper agencies and to certain public repositoriee. A list of locations where erence copiss of the Hydrnlogic Bulletin Sriee are available for inspe may be obtained upon application to Chief, U. S. Weather Bureau, Washi 25, D. C.

Many other records published in thie bullstin have bsen made available th the cooperation of varioue public officee, private agenciee, and indivi as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
marck WB Airport	NNW	19	12.0	56	5E	29	81	86	57	56	10	5	2	0	0	0	17	61	6.5
ils Lake WB City	-	-	10.3	29	N	14	-	-	-	-	9	4	2	0	0	0	15	61	5.2
go WB Airport	NNW	24	15.1	50	SE	30	83	86	62	63	9	6	1	0	0	0	16	50	8.2
liston WB City	-	-	6.1	35	NW	14	69	79	50	45	8	2	2	0	0	0	12	68	6.1

COMPARATIVE DATA

s 1

ear	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
2	37.6	75	- 2	2.65	6.3	7
3	34.3	77	- 8	1.70	7.8	6
4	42.8	92	12	3.03	4.4	9
5	49.6	87	10	2.23	0.0	5
6	40.1	92	2	3.80	5.1	9
7	40.8	93	7	1.08	1.1	5
8	41.9	87	- 4	1.38	0.5	5
9	38.0	86	-22	1.36	6.3	6
0	49.3	93	11	0.85	T	3
	44.5	92	10	0.98	0.3	4
2	40.2	87	- 2	1.06	2.9	3
3	42.5	83	8	1.23	2.7	5
4	37.4	91	2	1.38	8.1	5
5	40.2	83	3	0.51	3.7	3
6	46.7	88	8	1.50	1.3	5
	31.9	80	- 6	0.52	4.2	4
	43.9	91	-19	1.52	5.9	5
	34.2	80	3	0.77	5.1	6
	48.0	96	4	1.37	2.9	4
	41.5	90	- 5	1.19	6.3	5
	44.4	88	2	2.35	1.7	7
	46.8	94	11	0.64	2.4	4

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1914	40.9	84	2	1.46	2.8	6
1915	50.3	99	5	1.03	T	5
1916	39.2	79	- 6	1.44	2.9	5
1917	37.2	73	5	1.68	5.6	7
1918	41.4	81	0	2.18	3.0	7
1919	42.3	79	6	1.52	6.2	6
1920	32.1	63	-11	0.84	2.1	5
1921	41.1	91	1	1.77	3.8	7
1922	42.3	89	- 2	0.92	2.3	6
1923	38.7	89	-15	1.45	7.2	5
1924	39.3	84	6	2.53	7.5	9
1925	47.8	85	10	1.60	T	6
1926	42.8	98	- 4	0.28	0.9	3
1927	41.4	95	7	1.73	2.3	7
1928	35.9	84	- 6	0.91	5.0	5
1929	41.5	85	- 9	1.31	3.4	6
1930	47.3	86	8	1.25	0.5	6
1931	44.1	87	3	0.43	0.7	2
1932	44.1	79	0	2.14	0.7	8
1933	40.0	84	2	1.33	7.3	5
1934	43.7	95	7	0.44	1.9	3
1935	38.4	83	0	1.93	3.6	8

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1936	35.6	87	-15	0.39	0.5	4
1937	40.7	79	2	2.02	5.8	8
1938	42.8	90	1	1.09	0.1	5
1939	41.6	90	- 1	0.87	0.8	6
1940	37.8	78	- 9	2.22	4.1	8
1941	44.1	82	6	2.30	1.6	13
1942	44.9	90	- 6	1.96	3.3	7
1943	44.9	83	11	1.48	0.1	5
1944	40.8	77	-11	0.80	0.2	4
1945	38.0	80	6	1.10	4.5	6
1946	48.2	87	9	0.67	2.4	4
1947	39.9	90	0	1.48	6.8	8
1948	40.3	85	-13	2.15	5.0	6
1949	47.2	96	5	0.45	T	2
1950	32.6	83	- 9	1.38	9.5	7
1951	38.6	84	5	.81	3.1	6
PERIOD	41.4			1.41	3.3	

CLIMATOLOGICAL DATA

o 2

Station	Temperature									Precipitation								
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	No. of days Max. 90° or above	No. of days Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail Total	Snow, Sleet, Hail Max. depth on ground at obsn.	Snow, Sleet, Hail Date	No. of days .01 or more	No. of days .50 or more	No. of days 1.00 or more
5TERN DIVISION																			
ia	41.2	- .4	80	29	22	17+	710	0	22	.69	-1.06	.31	21		2	18	8	0	0
lla 5tate Park	39.2		74	29	18	17	765	0	26	.67		.15	30				7	0	0
ington	37.2	- 2.4	78	30	19	22+		0	25	.35	- .98	.10	18+	2.5	2	1+	5	0	0
erstown	39.4	- .9	78	29	19	16	761	0	25	.45	- .94	.20	20+		0		3	0	0
ls Lake WB City	38.2	- .6	77	29	20	16+	797	0	24	.56	- .96	.21	27	2.6	2	21	6	0	0
ley Exp. Farm	39.3	- 3.3	82	30	18	17		0	24	.71	-1.04	.45	30	4.0			5	0	0
re 1 W	37.1	- 2.2	70	29	18	18+	832	0	26	.54	- .72	.39	27				4	0	0
ndale	43.0	.3	82	29	21	16	664	0	22	1.21	- .65	.65	30	T	1	1	7	1	0
o WB Airport //	40.3	- .3	79	29	20	22	735	0	22	.46	-1.72	.23	21	2.0	1	1+	7	0	0
an	41.9	- 2.1	81	29	22	16+	682	0	21	.85	-1.16	.33	20	1.3			5	0	0
erton	42.3	- .4	84	20	21	16	676	0	21	1.42	- .72	.93	30	1.4	0		8	1	0
le	40.3	- 1.8	84	28	19	1+	736	0	23	.65	- .89	.35	30	T			2	0	0
ton 5tate School	39.5	- 1.1	73	29	20	16	757	0	24	.41	- .93	.15	21		2	21	4	0	0
d Forks CAA AP //	39.1	- 2.2	72	29	22	15+	770	0	24	.68	- .90	.20	9	1.5	1	21	7	0	0
d Forks University	39.7	- 1.6	72	29	22	15+	753	0	23	.65	-1.01	.23	21	1.0	1	21	7	0	0
d Rapids 1 N	41.8		84	29	20	16	686	0	24	1.13		.64	30	3.8	1	21	6	1	0
inson R R 5tation	42.3	- 1.2	78	30	22	16		0	25	.77	-1.24	.29	21				7	0	0
ah	36.7	- 1.2	67	26+	15	21	843	0	25	.95	- .17	.39	27	4.7	2	1+	9	0	0
sboro	39.4	- 2.8	80	29	20	17+	762	0	25	.57	-1.31	.28	20	3.0	3	22	7	0	0
stown CAA AP //	39.6	- 2.1	82	30	19	16	758	0	26	1.12	- .53	.70	29	2.2	T	1+	6	1	0
stown 5tate Hospital	40.6	- 1.1	82	29	20	16	728	0	25	1.27	- .43	.75	30				4	1	0
al Wildlife	39.0		77	29	18	16+	770	0	25	.66		.25	20	2.0	0		6	0	0
don Exp Farm	36.8	- .8	67	26+	17	19+	837	0	25	1.00	- .23	.32	27	3.6			13	0	0
ille	39.9	- 2.6	78	29	21	16	745	0	24	.69	- .56	.22	21	2.5	2	21	9	0	0
enry 5 N	37.9	- 2.7	77	29	17	16	804	0	25	.48	- .49	.19	27	.8	6	1	7	0	0
eod 3 E	42.0	- 1.6	76	27+	22	25	639	0	23	.81	-1.15	.30	20				7	0	0
ch 4 5W	37.0		68	29	16	21	832	0	25	.49		.27	27		1	20+	5	0	0
s	33.6	- 5.2	81	30	21	16+		0	27	1.13	- .69	.50	30	1.5	0		6	1	0
River	39.7	- .3	71	25	20	18	754	0	23	.52	- .30	.19	21	1.5	2	21	4	0	0
ina 2 N //	37.6	- .9	69	29	20	14+		0		1.04	- .25	.25	29	5.9			8	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Table 2—Continued

Station	Temperature							No. of days		Precipitation							No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
Petersburg	38.9		73	29	19	16	777	0	26	.22	-1.17	.20	21				2	0	0
Sharon	39.1	- .5	77	29	19	16+	772	0	25	.46	-1.02	.18	21	4.0	2	21	6	0	0
Valley City	41.4	- 1.0	80	29	21	4+	703	0	23	.56	-1.17	.24	18	3.0			5	0	0
Wahpeton State School	42.0	- 2.2	77	29	22	16+	681	0	21	.78	-1.30	.30	21				9	0	0
DIVISION	39.7	- 1.5								.74	- .97			2.4					
MIDDLE DIVISION																			
Ashley //	39.6	- 2.8	80	29+	17	16	756	0	24	.59	-1.02	.23	20	1.0	1	1	6	0	0
Belcourt Indian Res.	35.5		70	29	11	18	880	0	27	.87		.38	27	8.0	6	1	9	0	0
Bishee	37.2 M	- 3.5	72	29	16	18	826	0	26	.40	- .79	.23	27		4	1	4	0	0
Bismarck WB City	39.8	- 3.3	84	30	18	16		0	24	.42	- .77	.26	27	1.5	2	1+	3	0	0
Bismarck WB AP	40.2	- .2	84	29	18	16	739	0	24	.48	-1.04	.21	20+	2.3	2	1+	7	0	
Bottioeau	36.1	- 2.9	73	30	14	16+		0	25	.86	.02	.41	27	2.7	4	1	10	0	0
Butte	39.1	- 2.2	78	29	18	21	770	0	23	.99	- .31	.45	27				5	0	0
Carson 2 SW	40.4	- 2.1	82	29	10	16	733	0	24	1.26	- .09	.62	30		2	20	6	1	0
Ceoter	36.7	- 6.1	82	29	13	16	854	0	26	.62	- .61	.37	27	4.0	2	1	3	0	0
Drake	38.1 M	- 2.3			15	1		0	25	.76	- .41	.34	20	2.0			3	0	0
Dunseith St. Sanitarium	36.6	- 2.9	68	26+	13	18+	844	0	25	.95	.11	.45	27		2	1+	8	0	0
Fort Yates	41.6	- 3.2	81	29	16	16	699	0	22	.53	- .82	.50	20	T	T	1+	2	1	0
Foxbolm Wildlife	37.9	- 2.9	81	29	15	3+	807	0	25	.79	- .46	.50	27	5.0	2	1+	9	1	0
Garrisoo	37.6	- 4.5	80	29	17	2	815	0	25	1.07	- .09	.66	27	4.4	16	1	7	1	0
Graoville	39.2	- 1.6	80	29	13	18	765	0	25	1.41	.47	.75	27	4.5	16	1	5	1	0
Hansboro	36.5 M	- 2.1	68	29	16	18+	848	0	26	.37	- .88	.24	27	1.0	2	1	4	0	0
Leeds	39.5		78	29	16	18+	756	0	25	.36		.10	27	.0	0		6	0	0
Linton	42.0	- .8	83	29	15	16	690	0	23	.39	- .89	.14	27				7	0	0
Maodan Exp. Station	39.3	- 3.3	83	30	16	16		0	24	.51	- .77	.33	27	1.5	5	1	5	0	0
Mandan Ft. Lincoln Park	41.5		82	29	18	21	700	0	25	.36		.18	20	4.0	3	1	3	0	
Max	37.7	- 2.9	78	29	19	15+	809	0	24	1.35	.10	.87	26	5.0	8	1	4	1	0
Mc Clusky	38.5	- 2.6	79	29	19	21	785	0	25	.65	- .59	.26	20	2.0	3	1+	6	0	0
Minot CAA AP //	37.8	- 3.0	79	29	20	16+	811	0	24	1.27	.05	.75	27	5.2	2	1	8	1	0
Minot Exp. Farm	38.5		81	29	18	16	792	0	24	1.15		.65	27	5.6	3	1	8	1	0
Mohall	36.8	- 3.6	76	29	16	1+	840	0	24	1.21	.25	.56	27	8.7	30	1	8	1	
Napoleon 1 SE	39.6	- 1.8	83	29	18	2	756	0	25	.31	-1.20	.22	20	3.2	2	1	5	0	0
New Salem 1 S	38.9	- 3.4	82	28	14	16	777	0	24	.51	- .64	.20	20	2.5			6	0	0
Pettihone	39.1 M	- 1.7	81	29	18	16	772	0	26	.46	- .70	.21	19	3.9	2	1+	8	0	0
Riverdale	38.0		80	29	18	16+	802	0	25	1.33		.80	27	6.5	8	1+	5	1	0
Rolla	37.1	- 2.7	68	29	17	18	834	0	22	.71	- .50	.35	27	1.1			8	0	
Rugby	39.1		78	29	14	18	773	0	25	.52	- .47	.21	27				9	0	
Steele	38.7	- 4.0	83	29	14	2	786	0	26	.28	- .90	.14	20	3.0	4	1	3	0	
Towner	39.1	- 2.7	79	29	13	1	772	0	24	.88	- .12	.40	27	3.0			3	0	
Turtle Lake	38.1	- 3.2	81	29	16	2	803	0	25	.73	- .32	.50	27		3	20	4	1	
Uoderwood 12 W	37.4	- 6.4	75	27+	13	3	823	0	26	1.10	.03	.72	27	6.4			4	1	
Upham Wildlife	38.6		76	26	14	1	785	0	25	1.22		.70	27	5.3			4	1	
Velva	39.2	- 2.2	80	29	19	13+	770	0	24	1.41	.32	.88	27	6.0	3	1	4	1	
Wasbburo	39.5	- 3.8	82	29	18	2	759	0	23	.67	- .40	.45	27	2.0			2	0	
Westbope	37.0	- 2.9	74	29	12	2	837	0	26	.96	.09	.38	27	8.0			4	0	
Willow City	37.7	- 1.9	74	29	14	18	813	0	27	.68	- .28	.40	27	2.5	3	1	6	0	
Wilton R R Station	36.4	- 5.8	80	30	16	1+		0	26	.54	- .58	.41	27	1.5	9	1	5	0	
Wishek	37.5 M	- 4.0			17	16		0	25	.41	- .99	.22	21				7	0	
DIVISION	38.4	- 2.9								.77	- .56			3.6					
WESTERN DIVISION																			
Almoot 7 SW	39 8		83	29	17	16	749	0	24	.54		.30	27	1.5	1	20	3	0	
Amidoo	37.4	- 4.0	82	30	10	12		0	24	.95	- .37	.60	27	3.0	3	21+	5	1	
Beacb	36.5	- 5.7	82	30	11	12		0	26	.22	- .96	.10	19	2.5	2	20	4	0	
Belfield	38.5	- 3.6	81	29	12	16+	791	0	24	1.19	- .10	.78	27	3.0	3	20	3	1	
Bowhells	34.9	- 4.4	75	30	8	1		0	25	1.12	.06	.73	27	4.0	17	1	6	1	
Bowbells 5 E	33.6		75	30	5	1		0	26	.94		.61	27	3.6	4	20	5	1	
Bowmao Court Hse //	38.6	- 3.9	82	29	10	15+	784	0	25	1.07	- .16	.61	27	3.0			5	1	
Crosby	33.7	- 6.2	77	30	10	1+		0	26	.24	- .69	.14	10	1.0	13	1+	4	0	
Dickinson CAA AP	38.3	- 3.5	82	29	14	16	796	0	25	.90	- .30	.34	27	1.7	T	1+	7	0	
Dickioson Exp. Station	38.2	- 3.6	84	30	13	16		0	26	.63	- .57	.41	27	2.3	2	20	6	0	
Dunn Center	40.6 M	- 2.4	83	29	10	16		0	26	1.16	- .10	.77	27	4.3	4	1+	5	1	
Elbowoods	38.0	- 3.7	80	28+	11	1	749	0	21	.94	- .07	.50	26	2.0			5	1	
Epping	37.1 M	- 2.2	81	29	13	16	804	0	24	.19	- .80	.19	19	.0	0		1	0	
Grenora	39.5	- 3.4	82	29	12	21	818	0	24	1.22	.16	.50	30				5	1	
Hettinger					10	16	757	0	24										
Keomare	35.2	- 5.0	78	30	12	1		0	25	1.11	.19	.70	27				4	1	
Marmarth	39.7 M	- 3.5	84	29	9	16	749	0	26	.53	- .54	.15	30	6.8	2	19	6	0	
Medora T R N M P	39.5		84	29	11	16	762	0	27	.97		.57	27	2.4	T	19+	5	1	
Mott	39.2	- 3.1	83	29	9	16	764	0	26	.51	- .71	.21	27	1.2	0		5	0	
New England	38.6	- 3.8	82	29	14	12+	785	0	27	.91	- .29	.55	27		1	19+	4	1	
Parshall	37.8	- 1.2	80	29	15	2+	809	0	27	1.23	.16	.67	27	3.5			8	1	
Portal	34.4	- 6.2	79	30	6	1		0	25	1.06	.12	.52	27	9.0	12	1	5	1	
Powers Lake 1 N			75	29	13	1		0		.85	- .29	.70	27	3.5	3	19+	3	1	
Richardton Ahbey	40.0	- 1.4	82	29	14	16	741	0	25	1.30	.08	.69	27	2.6	1	1+	8	1	
Saoish	36.2	- 5.5	82	30	12	16		0	27	1.55	.43	1.00	27				7	1	
Stanley	35.0		76	29	14	1+	897	0	26	1.39	.22	.91	27	6.5			5	1	
Vao Hook	38.8		80	29	17	16+	781	0	24	1.31		.93	27	5.2	2	1	7	1	
Watford City	39.7	- 1.7	83	29	13	16	754	0	23	.64	- .53	.32	19	3.8			4	0	
Willistoo WB City	39.3	- 2.7	82	29	18	22	765	0	25	.68	- .52	.37	30	3.1	3	19	4	0	
DIVISION	37.7	- 3.8								.91	- .30			3.3					
STATE	38.6	- 2.7								.81	- .61			3.1					

See reference notes following Station Index.

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WS 7 S									T	T	T			.10	T			.05		T	T						.34			.05		.54
XANDER R R STA									T		.02			.04					.19	.01	.01									.21		.50
ONT 7 SW					T						T			T						.19	T											
HA 1 S					.06	T	T			T	T		T	T	T					.10	.10	T	.05				.30			.05		.54
NIA									.01			.01	.01	.02	.01			.12		.20	.11									.44		.75
DON						.05					T				T					.20	.05	T										.69
DON	R				.08														.05	.20							.60			T		.95
LER	R					.02			.15					.03					.10	.15						.35	.29			.02		.99
ILLA STATE PARK							.08		.03		T			.12			.03	.01	.20	.24							.50					1.18
LEY							T	T		.08	T			.03				T		.02	.14						.13			.15		.67
LEY	R//									.08				.08						.23	.02						.06			.17		.58
FOUR	R									.02	•	.10								.24	.01					.06	.04			.17		.68
TRY						T											.02	.03	.07	.27	.03						.43					.97
M							T			.02	.01			T	T		.07		.10	.10						1.10					1.27
CH	R									.04								.10	.08	T	T	T								T		.22
COURT INDIAN RE									.08	.15		T		.02				.04	.07										.80		.77
COURT INDIAN RE	R								.07	.18				.03			.06	.02	.06	.04							.38			.05		.87
FIELD														.04	.01		.04	.03	.06	.04							.42			.04		.83
THOLD						.01			T	.08									.33	T	T						.78	T		.08		1.18
LAH						T									.02		.07		.01	.09	.03						.63					.84
LAH	R													T						.19	.05						.79			.05		1.08
BEK								.07						.03					.07	.18	.08					.38	.46			.05		1.25
MARCK WB CITY							T	T	T	T	T	T		T			T			.07	.03						.23					.40
MARCK WB AIRPORT	R				.01	T	.01		T	T	T	T		T	.01		T	T	T	.15	.01						.26					.42
TINEAU							.03			.04		.03		.01	.01			.03	T	.21	T					.21	.02			.01		.48
BELLS										.09	T			.03					.15			.04					.41	.11				.88
BELLS SE							T		.06		T			.03	T		T	T	.18			.02					.73	.07				1.12
MAN COURT HOUSE					.15						T				T				.17		T						.61	.07				.94
MAN COURT HOUSE	R//				.16					.03								.01	.16	.12	.03						.61					1.07
MAN 11SE					.10					T				T			T	T	.15	.28	.32					.22	.40		T	.84		1.82
MAN 30 NNW						T				T								.23	-								.54		.34	1.35		3.05
TEN	R																		.02	.18						.14	.06			-		-
TE									T	.05				T				.03		.42	.04						.45					.99
DO	R								.04	.01										.25	.09						.13					.42
LINGTON							T				.01				.05			.10	T		T						.10			.09		.35
ION	R				.05															.22	.05					.10	.10		.14	.19		.85
ON 2 S W						.04					T			.03						.33	.03						.21			.62		1.26
LLIER		-	-	-	-	-	-	-	-	-	T			•	.24					-	-	-					.30			.10		-
ER						.05				T	T			T					T	.20	T						.37	T		T		.62
ATE															.03			.03	.11	T										T		.43
MBUS						T			.28			T		.02						.16	.21									T		.73
ERSTOWN							T			T				T	.05				T	.20	.20						T			T		.45
TENAY							T			T				.04				.08		.22							.32					.54
BY							T		.01	.14				T	.04				.08	.05		T				.16			.06		.56
BY	R					.01			.14									T														.24
ON	R	-	-	-	-	-													.05	.11							.12					.20
LS LAKE WB CITY	R					T	.01		T	T	T	T		.05	T		T	.05	.20	.07					T	.21			T		.58
INSON CAA					T	T			T	T	T			.02	T		T	.02	.20	.08	.01				.17	.34		T	.23		.90
INSON CAA	R																		.09	.17						.22	.34			.19		1.01
E		T	T		T		T			T	.01			T	.02			T	T	.16	T	.02					.41			.01		.63
CENTER							T				.15			T				T		.34							.27					.76
E1TH ST SAN							T			T	T			T	.02					.32		.04					.77	.01				1.16
LEY EXP FARM						.04	.03		.18	T	T			.02		T	T	.08	T	.07	.10						.45			.02		.95
LEY EXP FARM	R	-				.04	.04					T	T	T	T			.02	T	T	.16									.45		.71
RE 1 W						T	.03				T				.01		T	.04		.19	.03									.58		-
WOODS						T				T								.02			.12						.39			T		.54
M 5S					T	T				T	T			.02					.23	.04			.15		.50				T		.94
NDALE		T				T	T			.05	.03			T	T			T	.17	T								.11		.29		.57
NG									T					T				.03	.23	.20	T				T	T	T	.02		.65		1.21
ND	R									.11									.19	T						T						.19
FIELD 8 N														.07			.02	.06		.14	.04				•	.13			.06		.83
D WB AIRPORT	R//	T				.06		.03	T	T	.01	T		.01					.17	.06	.03						.76			.13		1.16
HER					.04									.03	.01		T	T		.09	.23				T	T				T		.46
TON									.11	T			.02	T	T				.06	.09	.03					.27						.43
AN									T		.02	T		.02						.05						.76						1.02
YATES							T			T	T			T				.13	T	.33	.20						.03			.17		.85
YATES	R																			.50	T									T		.53
OLM WILDLIFE R					T				.05	.01				.01	.01		.02	.05	T	.07						.14	.01					.22
URG	R					.04								.07					.12	.10	.04						.50			T		.79
ERTON						.05	.03	T		.03	T			T	.01			.02		.13	.06					.21	.54			.55		1.72
LE							T			T	T			T	T			T		.17	.18									.93		1.42
ISON						T	T		T	T				T	T			T		.30	T									.35		.65
STONE 22N	R	-	-	-	-	-	-	-	-	-	-	-		T			.05	.04	.08	.18	.01					.05	.66					1.07
OLLIN	R																		.20	.11	.04					.34	.38			-		-
OLLIN 13 N		-	-	-	-	-	-	-	-	-	T			.10						.20	.04	.01				.17	.11		.02	.17		.82
N VALLEY 10S		T									T			T						.18	.01						.35			T		-
A 15E	R					.02								T				T	T								.75			.11		.86
TON STATE SCH							T		.06		T			.03					.05	.15	.02					.38	.08		•	.15		.88
FORKS CAA					T			T	.20	T	T	T	.01	T	T				T	.15							.14			.06		.41
FORKS CAA	R//								.21	.02				.05	T			T		.12	.13					T	.04			.13		.68
FORKS UN1V								T	.07	.03	T	.01		.06						.13	.12						.05			.15		.74
RAPIDS 1N						T		T		.08	T			.05	T					.05	.23	T					T					.65
	R//								.18					.03				.09		.18	.16									.64		1.18
ILLE						T	T		T	T	T		T	.05					.17	.20	.05						.57					1.22
Y BUTTE	R		•	•	•	•	•	•	•	•	•	•	•	.35			.08	.08	.02	.48	T						.75					1.41
Y BUTTE 10N														.14					.18	.08	.07					.45	.60		.05	.39		2.17
RA									-					-					.30	-	.13						1.00			.02		1.59
	R				.08												.02	.14	.09	.04							-			.07		-
OAY											T								.03	.21						.43	.19			.14		1.13
DAY	R																		.12	.15	.05					.30	.42			.09		1.03
NSON R R STA														.05							.29	.11								.09		1.18
FORD	R				.04	.06	.12	.04				.04						.14		•	.30									.03		.77
R							.03			.08	.02	T		.03						.19	.08						.39			.08		.43
ORO									.08	.02	T			.11	T		T	T		.03	T						.24			T		.95
Y WATER WORKS							.04		T	.04		T		T	T		T	T	.07	.20	.02						.05			.11		.37
S 6WE	R																			.19	.04					.15	.11			.17		.53
TON R R 5TA	R//						.07			.07	.02			.03	.02					.16						.15	.02		.02	.06		.66
NGER											T				T			.03	.10		.02				.31			.26	.50		.62
NGER 17 N	R										T								.08	.14	.03						.37			.63		1.22
BORO					T			T	.03	T	T	T		.01	.06					.08	.28	.07			T	T				.04		1.25
FIELD	R					.01	.03		.10					.05				.10		.14						T	.05			.05		.57
TOWN CAA						T	T		T	T	T	T		.02	.01		.10	.13		.16	T				T	T				.70		.53
TOWN CAA	R//						.02								.05		.12	.47		.35	.05						.03			.68		1.12
TOWN STATE HOSP						T	T			T	T			T	T			.23		.26	.03						T			.75		1.77
						T			T	T										.25	.30						.60					1.27
RE										T										.17							.70	.05				1.15
RE	R								.18	.19										.08	.02						.79			.08		1.11
L WILDLIFE RE						T	T			.02	T			T				.09	.09	.25	.02						.06			.22		1.32
EER SNW														T	.18					.31						.86						.66
R 5 SE	R						.04							.02							.20						.65					1.35
ON EXP FARM							.02		.02	.03	.03	.02		.16	.03			.10	.09	.05	.15	.05					.32			.10		1.10
								T		.06	T	T		.04				.04	.02	.05							.10			.04		1.00
10E					.01	.01		T	T	T			T	T	T				.02	.08							.05			.03		.36
N							.01			.05				.02	.01					T	.04						.14					.16
N EXP STATION						T				T	T	T								.13	.03						.33	T				.39
N EXP STATION	R																			.14	.02	.01					.03					.51
N FT LINCOLN						T	T													.19						.30	.17		T	T		.52
RTH										.03	T			T	.01		T	T	.12	.18	.01						T			.15		.36
RTR M D U CO	R									.06								.06	.11	.13	.09				.02	.02				.20		.53
N												T						T		.10	.06									T		.63
																		.25													.25
LLE								T	T				T	T			.09	.31								.87	.08			T		1.35
USKY						T	.05	T	.04	.01	T	T		.02	.03	T		T		.11	.22	T					.01				.20		.69
NRY 5 N										.07				.03						.26	.02						.23				.04		.65
DD 3 E						.02					T			.03	.04			T		.14	.03						.19				.03		.48
LLE					.05		T	T	T	.02		T	.12	.02	.05					.30	.25						T		T	T		.81
A 1 W											T			T	.04					.22	.23						.30			T		.79
A T R N M P						T												.14	.15	.08	.05						.10			.20		.72
LLE	R				T	T				T	T			T	T		T		.11	.15	.05						.57			.09		.97
CAA					.03													.07		.12		.02				.02	.13			.19		.58
EXP FARM						T			.02	T	T	T	T	.01	T		.16	.06	.08	.17	.02						.75			T		1.27
T RR STATION						.01			.07	T				T			.10	.05	.01	.24	.02						.65	T	T			1.15
L									T	T										.05	T		T				.12	T				.17
ELIER						T	T		.20	T				.02			.03	.06	.10	.22							.56			.02		1.21
							T				T	T			.01	T		.24		T	.30	.01			T					.29		.85
	R				T	T				T				T	T				.05	.09	.06						.21			.10		.51
H 4 SW									T	.02	.02			.03			T	.02	.12	.06					.21	.06			.15		.65
ION 1 SE							T		T	.03	T			.02	T					.06	.06						.27		T	.01		.49
ION 1 5E	R									.04				.02						.22	T	.02					T	T	T	.02		.31
														.02						.23										.04		.33

See reference notes following Station Index

DAILY PRECIPITATION

Table 3—Continued

Station		Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND						T		.03			.07		T		T				.18	.16	.11	T						.55			.09		.91
NEW ROCKFORD 7WNW						.01	T			T	.02				.03					T	.20	.03					.20	.19			.05		.64
NEW SALEM 1 S										.25										.10	T										.05		.51
NOONAN															.01					.13	.02							.75			.09		.35
NORTHGATE	R	-	-	-	-	-	-	-	-	-									.05		.32	.05									.56		.88
NORTONVILLE												.13							.13			.36	.05			T		.01	T	.50		1.18
OAKES							.06				.12	.03			.03			T	.10		.27	.11				.02					.89		1.60
OAKES	R										T	T			.03				T	.02	T	.19					.16				.14		.52
PARK RIVER							T			.13		.01			.03						.25	.09					.67				.03		1.23
PARSHALL										.03	T	T			.08	.13					.15	.10	.29			a	.12	.25			.13		1.01
PEMBINA 2N										.05		.04		.02	.28	.05					T	.20	T				.48		.03		.18		1.38
PEMBINA 2N	R//							T				T			.02																		.22
PETERSBURG					T	.01			.01				.01	T					.01	.21	.01						.09				.11		.46
PETTIBONE													.04		-	-	-	-	-	-	-	-					.11				.15		-
PETTIBONE	R						T			T	T	T			T				.01		.04	T					.08				.07		.25
PINGREE								T				T			.06	T				.10	T	.05					.52				T		1.06
PORTAL						T				.06	.14	T			T	T				.10	T	.05					.70				T		.83
POWERS LAKE 1N						.05	T	T												.02	.15	.03					.17				.31		.76
PRETTY ROCE						-	-	-	-	-	-	-	-	-	-	-		.03		.10	.22	.09				.02	.61	.			.13		-
RAUB	R//	-	-	-	-															.25							.65	T			.30		1.22
REEDER							T					T			.02					T	.18	.03				.49							.68
REEDER 14N						T	.02	T			T	.01			.01				T	.05	.18	.05					.69				.29		1.36
RICHARDTON ABBEY							.03				.04				.04					.08	.14	.08				.21	.48		.02		.31		1.4
RICHARDTON ABBEY	R						T			T	T	T			T	T			.04	T	.40	.05	T				.80				.04		1.3
RIVERDALE																			.05	.11	.30	.06				.21	.80				.04		1.3
RIVEROALE	R										.11	.05							.07			.04					.34				.02		.6
ROLETTE	R									.08	T	T			.06			.04	.01		.07	.08				.35				.04		.7
ROLLA											.05	.03	.02		.02	T			.07		.08	.02					.21				.02		.5
RUGBY											.10					.01	.05	T			.26	.05	T				.60				T		1.0
RYDER										.10					.04			.04	.02	.11	.16	.06				.04	.59						1.1
RYDER	R							.02			.05				.02						.35		.06				1.00	.05					1.5
SANISH							.02			.05					.05				.03		.08	.05					.38				.08		.7
SARLES	R//					T	T				T				T	T			T	.10	.10	T	T				.54		.06		.10		.8
SCRANTON							.05	T		T	T	T	T								.30	.15					.10				.34		.9
SELFRIDGE 11 W										T	T				.13	.02			.01	T	.10	.18					.02				.01		.4
SHARON								T		.19	.02				.01			T			.36	T					.56				T		1.7
SHERWOOD										.03		.05					-	-	.01	T	-	-	-	-	-	-	-	-	-	-	-		-
SHEYENNE	R	-	-	-	-	T	.03								.08						.11						.12				.07		.3
SRIELDS							T									-	-	-	-	.12	.17	.11					.91						1.1
STANLEY																					.08	.18					.90				.04		-
STANLEY	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.11	.08						.08				T		.2
STEELE											T	T				T			.06		.14	T	T				.12				.28		.2
SYKESTON							T				.08					.07			.01		.02						.65				T		2.4
TAGUS										.05	T				.02	T		.03	T	.09	.15	.02					.35						-
TIOGA																				.15	T	.08					.50						-
TOLLEY 4NE										T									T	.20	T						.40						-
TOWNER																				.15	.33												-
TROTTERS							T				.02	T			T						.21	.05								T	.39		-
TROTTERS 3S	R						.01														.25	.05									.65		-
TURTLE LAKE										T	T	T			T							.01						.50			.02		-
TUTTLE 8 SW																					.20	.01							T	T	.03		-
UNDERWOOD 12 W										T	T	T	T		.04	.01	T	T	T	T	.10	.08									.04		-
UPHAM WILDLIFE REF															T			T	.05	T	.30	.04	T				T	.72	T		T		1.1
VALLEY CITY								T			T	T			T	.01	T		.11		.39	.02				T	.70						1.1
VAN BOOK							T			.05					.01				.24		.19	.08									.04		-
VELVA											T	T			T					T	.22	.05	.01				.93				.04		1.1
VERONA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		.41	T					.88				.02		1.1
WAHPETON STATE SCH		T					.04		.05	.02	T	.03			.03	T	.01		.15	T			.40								.37		-
WASHBURN										T	T	T									.15	.30	T								.15		-
WASHBURN WATER WKS	R						T								.03	T			T		.22						.45				T		-
WATAUGA S DAK 8N												T								T	.07	.23				.22	.23				.03		-
WATFORD CITY															.02							T	T				.12				.28		-
WATFORO CITY 11E	R					.03	.05	-	-	-	-	-	-	-	-	-	-	-	-	T	.32	.03					.27						-
WESTHOPE							T			T					T				.06		-	-	-	-	-	-	-	-	-	-	-		-
WILDROSE							T				.06	T			.03	T				.20	.31	.21					.38				T		-
WILLISTON WB CITY	R						T			T	T	T	T		.02			T		.28	T	.06					.02			T	.37		-
WILLOW CITY							T				.05	.04	T	T		T			.04	.06		.01					T				T		-
WILTON RR STATION													T			T				T	.09	T					.40						-
WISHEK								.01			T	.04	T	T		T					.07	T	.03				.41	.02			.01		-
ZAHL																				T	.02	.22	T				.07			T	.02		-
							T			.01	T	T	.05	.02	.02	T		T	.01		.16	T	.02								T		-

See reference notes following Station Index.

HOURLY PRECIPITATION

NORTH DAKOTA
APRIL 1951

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
SON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELEY EXP FARM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RISON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OSTONE 22N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREGOR RR STATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OT CAA //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
THGATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YENNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WLEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PETON POWER PLANT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—4th—																									
YENNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										-
—5th—																									
DON											.03	.03	.01	.01											.08
MARCK WB AIRPORT									.01	.09	.02	.03				.01						.01			.01
MAN COURT HOUSE //																		.01	.01			.03			.16
SON																									.05
SON	-	-	-	-	-	-	-																		-
SSY BUTTE																		*	*	*	*	*	*	*	*
CY										.01	.05	.01	.01												.08
MAFORD																								.04	.04
VILLE																						.03			.03
FORD CITY 11E																					.01	.01		.01	.03
—6th—																									
LER																									
ON																		.01			.01				.02
BY													.01			.01		.03	.01						.05
LEY EXP FARM					.01	.02	.01																		.01
O WB AIRPORT //					.01	.04	.01																		.04
URG															.01	.01	.01		.01						.06
A 1 S E																	.01		.01						.04
AFORD	.05		.01																						.02
SFIELD																									.06
S					.01	.01	.01	.02	.01														.01		.01
ARDTON ABBEY																									.06
ES 3 E //																	.02			.01					.03
ENNE			.02	.01																			.01	.01	.02
TERS 3S																									.03
ORD CITY 11E																		.01							.01
															.03	.02									.05
—7th—																									
MARCK WB AIRPORT						.01																			
LS LAKE WB CITY		.01																							.01
LEY EXP FARM	.01	.02																							.01
LTON R R STATION //					.05	.01	.01																		.03
SFIELD	.01		.01	.01																					.07
STOWN CAA //									.02																.03
ER 5 SE						.01										.02			.01						.02
ORD CITY 11E																		-	-	-	-	-	-	-	.04
—8th—																									
O WB AIRPORT //					.01			.01	.01																.03
—9th—																									
ER																									
OURT INDIAN RES													.05	.04	.01	.04	.01								.15
O															.01	.02	.02	.01					.01		.07
BY								.01	.03	.08	.01	.01						.01	.01	.01	.01				.04
D FORKS CAA //																									.14
O //																.12	.02		.01			.01	.02	.03	.21
SFIELD		.01								.01	.01	.04	.07	.05	.01		.01								.18
ARE											.03	.05	.01	.01											.10
HGATE	-	-	-	-	-	-	-	-	-	-	-	.10	.04	.01											.18
INA												-	-	-											-
R																		.01	.01	.01		.01	.01		.05
ES 3 E //												.03	.04	.01	.02										.10
ENNE							.02	.01									.01	.02	.01	.01					.05
																									.03
—10th—																									
EY //																	.01	.02	.01		.02				.06
OUR																		.01	.01						.02
H				.01	.01		.01	.01																	.04
OURT INDIAN RES			.01	.01		.04	.09		.02		.01														.18
AN COURT HOUSE //							.01											.02							.03
O	.01																								.01
ND								.01	.02	.04	.03		.01												.11
D FORKS CAA //	.02																								.02
LTON R R STATION //													.01		.03	.01	.01	.01							.07
ARTH M D U CO											.03	.02					.01								.06
LEON 1 SE																.01	.01		.01				.01		.04
S																		.08	.03	.01					.12
ARDTON ABBEY				.03	.01																				.04
TTE														.02	.03	.02	.02	.01	.01						.11
—11th—																									
OUR																									
D WB AIRPORT //						.01										.01	.01	.01					*	*	*
LTON R R STATION //	.01	.01																							.01
S																.01	.01	.01							.02
INA									.01	.01								.01			.01				.03
TTE						.02	.01				.01	.01					.01								.04
ENNE										.01	.02	.01													.05
																									.05
—12th—																									
OUR	*	*	*	*	*	*	*	.07																	
STONE 22N	-	-	-	-	-	-	-	-	-	-	-	-													.10
IBONE											.01	.01	.01	.01											-
																									.04
—13th—																									
INA																								.02	.02

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—14th—																										
ANTLER		.01	.01		.01																					
ASHLEY	//				.01	.01		.04	.02																	
BEACH		.01	.01							.01	.01			.01												
BELCOURT INDIAN RES							.01			.01	.01		.01													
BEULAB												.01														
DEVILS LAKE WB CITY										.01	.01	.02	.01			.01	.01									
ESMOND																			.01		.01	.01			.01	
FARGO WB AIRPORT	//								.01	.02	.02	.02														
FRYBURG												.01	.04	.04	.01											
GLEN ULLIN									.01	.01	.01															
GOLVA 1 S E											.02	.01	.01	.01	.01											
GRAND FORKS CAA	//							.01	.01	.01	.02								.35							
GRANO	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*								
GRASSY BUTTE												.03	.02													
HALLIDAY													.01		.01				.01							
HANNAFORD														.01	.01	.01										
HAZELTON R R STATION	//										.01	.01	.01	.01	.01											
HURDSFIELD									.01	.01	.01	.01														
KENMARE											.02															
KRAMER 5 SE												.01	.01													
NAPOLEON 1 SE																										
NORTHGATE				.01													.04	.01	.02	.05	.02					
PEMBINA		.02	.01		.02	.03	.03		.02	.01																
PETTIBONE											.01	.01	.01	.01												
RICHARDTON ABBEY																										
RYDER							.01	.01		.01	.01															
SARLES 3 E	//							.02		.03																
WILLISTON WB CITY										.01	.01															
—15th—																										
BELCOURT INDIAN RES																.01										
BISMARCK WB AIRPORT				.01																						
FARGO WB AIRPORT	//		.01																							
HAZELTON R R STATION	//		.01	.01																						
JAMESTOWN CAA	//	.05																								
PEMBINA		.02	.01		.01	.01																				
RAUB	//	-	-	-	-	-	-	-	-	-																
—16th—																										
SBEYENNE										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
—17th—																										
ANTLER																							.01	.01	.01	
BALFOUR																							.01		.01	
BELCOURT INDIAN RES																			.03	.01						
ESMOND																								.01	.01	
HALEY																							.01		.01	
JAMESTOWN CAA	//																							.02	.10	
KENMARE														01	.02	.01										
KRAMER 5 SE																			.01	.01	.02	.01	.01	.03	.01	
RYDER																							.01	.03		
—18th—																										
ANTLER				.01																						
BALFOUR		.01	.01	.01																						
BELCOURT INDIAN RES		.01	.01	.01																					.01	
BOWMAN COURT ROUSE	//																									
DAWSON		.01	.03	.01																						
DEVILS LAKE WB CITY		.02																								
EDGELEY EXP FARM			.01	.01	.01	.01																				
ESMOND		.02	.03	.01						.01	.01												.01	.02	.02	
HALEY			.01	.01	.02	.02	.01																			
BURDSFIELD		.07	.02	.01												.02										
JAMESTOWN CAA	//	.06	.19	.06	.03			.01		.06	.04															
KRAMER 5 SE		.04								.01	.04															
MARMARTB M D U CO																							.01	.03	.02	
MELVILLE		.03	.02	.02											.01	.01	.01	.01	.01	.01						
MOTT																										
OAKES		.04		.04	.01	.01																				
RIVERDALE		.01	.01	.02	.01																					
ROLETTE										.04	.03															
RYDER		.01	.01																				.01	.01	.01	
SARLES 3 E	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
STANLEY																										
—19th—																										
AMIDON		.01	.01	.01	.01	.01				.01		.01	.01									.04	.01	.01		
ANTLER																							.04	.02	.04	.06
BALFOUR																							.01		.01	.05
BEACH																			.01					.01	.01	.01
BEULAH																							.02	.03	.01	.01
BOWMAN COURT BOUSE	//	.01	.03	.01	.04	.05	.04	.04																.03	.04	.03
BREIEN																								.01	.01	
CROSBY																			.01	.02						
DICKINSON CAA													.01	.01	.01											
FRYBURG					.01	.01			.01						.01											
GLADSTONE 22N												.01	.01	.03	.04	.04			.01							
GOLVA 1 S E								.02		.01	.01									.02	.03	.01	.01	.04	.01	.01
GRANO	//								.02	.01	.01	.01	.03	.01			.01			.01		.02	.01	.01	.01	.01
GRASSY BUTTE										.04	.01	.01					.01	.01		.01	.02	.02	.01	.02	.01	.01
HALEY		.01			.02													.01	.01	.01	.01	.01		.01	.02	.01
HALLIDAY																							.01	.02		
KENMARE																										
MARMARTB M D U CO		.01	.02			.04	.01																.01	.02		
MOTT				.01	.03	.01		.01	.03	.03									.04	.03	.01	.01	.01	.02		.01
NORTHGATE												.01			.01			.01		.01		.02	.04			
RAUB	//																	.01	.01		.01		.01	.02	.01	.01
RICHARDTON ABBEY																								.01	.05	.05
RIVERDALE																		.01		.01	.01	.02	.04	.02		
RYDER													.01		.01			.01	.01	.01		.02	.02		.01	.01
STANLEY													.01	.01	.02					.01						
TROTTERS 3S			.01	.05	.02	.03	.02	.02	.02		.01	.01	.02	.01	.02											.07
WASBBURN WATER WKS								.01	.02	.03	.02	.01	.01	.02	.02	.03	.03	.02	.03	.01	.01	.01				
WILLISTON WB CITY																										
—20th—																										
AMIDON		.01	.02	.05	.02			.02	.03																	
ANTLER		.03	.03	.04	.04	.01	.03			.01	.05														.01	
ASBLEY	//									.03	.02	.02	.02	.04	.03	.01	.02	.01		.01	.01	.01				

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

NORTH DAKOTA
APRIL 1951

Station		A M Hour ending												P M Hour ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ALFOUR		.01	.02	.05	.03	.01	.03		.04	.05	.02		.01													.27
EACH		.03	.03	.01																						.07
ELCOURT INDIAN RES						.01	.01	.03	.01																	.06
EULAB		.02	.01	.04	.02	.03	.01	.01	.01	.02															.01	.18
ISMARCK WB AIRPORT			.01	.01	.01	.01	.01	.01	.01	.04	.05	.05														.21
OWMAN COURT HOUSE	//	.02	.01	.01	.01				.01	.03				.03												.12
REIEN			.01	.01	.02		.01	.03		.05	.02			.01			.01		.01							.18
ANDO						.01	.01	.03		.02	.03				.03	.01	.01									.15
ARSON				.01	.01	.02	.02	.04	.01	.05	.05			.01												.22
AWSON						.01	.01	.02	.01	.01	.02	.02	.01													.11
EVILS LAKE WB CITY								.01	.01	.01	.03	.02	.02	.03	.04	.01	.01	.01								.20
ICKINSON CAA		.01	.02	.04	.03	.01			.02	.03				.01												.17
DGELEY EXP FARM										.01	.01	.03	.05	.02	.02	.01	.02			.01			.01			.19
SMOND				.01	.01		.02		.03	.02	.02	.01	.01	.01												.14
ARGO WB AIRPORT	//															.01	.01		.02				.01	.02	.02	.09
ORT YATES					.01	.01	.01	.01		.02	.01															.07
RYBURG		.02	.02	.04	.04	.01																				.13
LADSTONE 22N		.01	.03	.02	.02		.02	.01																		.11
LEN ULLIN		.03	.01	.01	.01	.04		.03	.02	.03	.01	.01														.20
OLVA 1 S E			.02	.02	.01							.09											.01			.15
RAND FORKS CAA	//																				.04	.01	.04	.01	.03	.13
RANO	//	.02	.03	.05	.04	.01	.03		.02																	.20
RASSY BUTTE		.01	.02					.01	.03		.01															.08
ALEY													.01	.02		.01										.04
ALLIDAY		.01	.03	.03	.02	.01	.04	.01																		.15
ANNAFORD							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
AYNES 6 NE											.15	.04														.19
AZELTON R R STATION	//					.01		.01	.01	.03	.04	.02	.02	.01	.01											.16
URDSFIELD			.01		.01	.01	.01	.01	.02	.02	.03	.01	.01													.14
AMESTOWN CAA	//											.05	.05	.05	.05	.03	.02	.04		.04		.01		.01		.35
ENMARE		.02	.01	.01		.01		.01					.01	.01												.08
RAMER 5 SE				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ANDAN EXP STATION						.02	.02	.02		.08	.02	.02	.01													.19
ARMARTH M D U CO		.01	.03	.01	.02			.03																		.10
ELVILLE												.02	.02	.02	.04	.01	.01									.12
OTT						.01	.01					.03	.01													.06
APOLEON 1 SE						.01	.01	.01	.02	.01	.02	.02	.05	.01	.02	.01	.01		.02		.01					.23
ORTHGATE		.01	.01																							.02
AKES											.04	.01	.04	.03	.02	.01			.02	.03	.03	.02			.02	.27
EMBINA														.02	.02	.02			.01	.02	.01	.01	.02	.01	.01	.15
AUB	//	.01	.03	.01	.04	.02	.04	.01		.03	.02			.01												.22
ICHARDTON ABBEY		.03	.01	.01	.03	.01	.01		.01	.03																.14
IVERDALE		.01	.03	.04	.03	.04	.03	.02	.06	.01	.02	.01														.30
YDER		.01	.03	.02	.02	.01	.03	.02		.01	.01															.16
ARLES 3 E	//							.01			.02			.02	.03											.08
ANLEY		.02	.01	.02	.03																					.08
ROTTERS 3S				.01																						.01
ASHBURN WATER WKS		.02	.01		.02	.03	.04	.01	.03	.01	.06															.23
														—21st—												
SHLEY	//	.01																								.01
ALFOUR														.01		.01			.01							.03
ELCOURT INDIAN RES									.01	.01			.01				.01									.04
EULAB		.01	.01	.01						.03	.02															.08
OWMAN COURT HOUSE	//								.01	.01																.02
ANDO																.02	.02	.01	.01	.01		.01	.01			.09
ARSON														.02	.03											.05
EVILS LAKE WB CITY																.02	.02	.02			.01					.07
DGELEY EXP FARM												.01	.01			.01										.03
SMOND															.01	.01	.01		.01							.04
ARGO WB AIRPORT	//	.02	.02	.03	.02	.01	.01	.01	.01	.01	.01						.01	.01	.02	.01	.01	.01	.01			.23
RYBURG									.02	.01		.01		.01				.01								.06
LADSTONE 22N										.04																.04
LEN ULLIN										.01			.01	.01									.01			.04
OLVA 1 S E									.01	.01																.02
RAND FORKS CAA	//		.01			.01								.02	.01	.01	.01		.01	.02		.01		.01		.12
RANO	//										.02	.02	.01													.05
RASSY BUTTE								.02		.03	.01		.01													.07
ALLIDAY									.03	.02																.05
ANNAFORD		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.30							.30
AYNES 6 NE					.01	.01							.02													.04
AMESTOWN CAA	//															.01	.02	.02								.05
ENMARE											.01	.01														.02
RAMER 5 SE		*	*	*	*	*	*	*	*	.20																.20
ARMARTH M D U CO				.01			.01	.04																		.06
AKES		.01	.02	.02		.01											.02	.01	.01		.01					.11
EMBINA			.01		.01						.01		.01		.01	.02	.01	.01								.10
TTIBONE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									-
AUB	//				.01				.01			.04										.01	.01		.01	.09
ICHARDTON ABBEY										.02			.01		.01			.01		.01						.06
IVERDALE						.01					.01	.04														.06
OLETTE		.										.02	.02													.04
YDER											.01	.03		.01			.01									.06
ARLES 3 E	//															.03	.01	.01								.05
ANLEY										*	*	*	*	*	*	.18										.18
OTTERS 3S							.01	.03	.01																	.05
LLISTON WB CITY													.01													.01
														—22d—												
EN ULLIN			.01																							
LVILLE										.01		.01														.01
																										.02
														—24th—												
LFOUR		.03	.09	.14	.01		.01		.01	.05	.06	.02		.01												.43
														—26th—												
IDON																							.10	.12	.13	.35
BLEY	//																							.02	.04	.06
ULAH																						.01	.07	.20	.10	.38
SMARCK WB AIRPORT																								.07	.14	.21
WMAN COURT HOUSE	//																							.09	.13	.22
EIEN																						.10	.03	.01		.14
RSON																						.05	.02	.02	.01	.10
CKINSON CAA																						.02	.03	.10	.07	.22
MOND																							*	*	*	*
RT YATES																							.06	.08		.14
YBURG																						.01	.01	.09	.10	.21
ADSTONE 22N																						.01	.04	.11	.18	.34
EN ULLIN																						.01	.04	.09	.03	.17
LVA 1 S E																		18	.18	.01	.01					.38
ASSY BUTTE																									.45	.45
LEY																				.07	.02	.16	.10	.08	.43	
LLIDAY																							.02	.06	.22	.30

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station		A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
HAYNES 6 NE																					.08	.05		.01	.01	.15
HAZELTON R R STATION	//																								.15	.15
MANDAN EXP STATION																							.17	.10	.03	.30
MARMARTH M D U CO																							.01		.01	.02
MELVILLE																								.01	.01	.02
MOTT									.01	.01											.05	.03	.05	.02	.04	.21
OAKES				.02																						.02
RAUB	//																								.02	.02
RICHARDTON ABBEY																						.02	.05	.07	.07	.21
RIVERDALE																									.21	.21
RYDER																				.01	.02				.01	.04
WASBBURN WATER WKS																									.22	.22

ble 4-Continued

HOURLY PRECIPITATION

NORTH DAKOTA
APRIL 1951

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
HPETON POWER PLANT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SRBURN WATER WKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.03	-	-	-	-	-	-	-	-	-	.03
TFORD CITY 11E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LLISTON WB CITY																.06							.17	.14	.37

ble 5

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MONT 7SW	MAX	38	46	51	61	57	47	45	47	51	41	34	45	62	46	35	48	57	44	39	36	31	45	55	57	63	68	74	79	83	72		51.9
	MIN	22	19	23	28	36	23	27	22	28	27	23	25	22	26	20	17	27	29	29	20	20	19	24	22	32	36	46	47	43	50		27.7
ENIA	MAX	35	46	47	45	63	55	49	47	48	46	42	38	50	48	33	42	46	47	48	45	40	46	55	58	64	68	64	72	80	73		51.3
	MIN	29	29	29	29	30	36	33	32	30	36	27	26	28	30	24	23	22	29	26	33	28	22	27	31	30	31	50	39	40	51		31.0
IDON	MAX	42	44	51	61	64	51	44	45	51	50	42	32	47	65	31	34	51	54	42	31	30	41	43	52	53	58	68	72	74	82		50.2
	MIN	20	20	21	27	34	21	19	20	32	22	18	10	25	23	15	12	24	21	27	15	17	11	19	23	22	33	40	48	45	54		24.6
VILLA STATE PARK	MAX	38	49	47	60	68	57	49	44	39	47	39	37	50	43	33	41	42	49	46	42	39	47	55	58	58	70	61	64	74	68		50.5
	MIN	28	26	28	22	28	32	31	31	29	34	26	24	23	28	22	22	18	24	19	25	28	22	28	20	27	27	48	34	30	51		27.8
HLEY	MAX	38	43	48	57	64	54	47	44	49	42	32	37	54	48	35	45	57	47	43	35	32	46	56	52	64	64	73	71	80	80		51.2
	MIN	21	21	22	23	32	35	27	26	23	27	24	23	20	27	21	17	25	29	23	30	24	19	23	24	30	35	46	49	47	47		28.0
ACH	MAX	41	43	52	61	66	63	45	46	53	47	38	32	46	61	31	35	52	51	44	22	29	28	45	49	53	59	69	73	76	82		49.7
	MIN	18	20	20	26	31	21	19	18	25	26	19	11	15	24	17	13	17	23	18	14	18	12	15	24	28	32	35	40	48	51		23.3
LCOURT INDIAN RES	MAX	38	44	48	54	50	47	46	48	46	40	33	40	46	40	33	38	36	44	41	35	30	42	47	50	59	68	66	66	70	65		47.0
	MIN	22	18	20	17	31	22	28	25	18	30	23	22	20	24	20	15	17	11	19	23	15	18	20	17	30	30	44	30	40	49		23.9
LFIELD	MAX	44	53	63	67	61	42	48	53	51	40	35	47	53	41	34	52	53	48	39	35	32	34	44	54	61	70	74	78	81	74		52.0
	MIN	18	22	22	31	31	21	22	16	29	26	20	15	20	18	18	12	25	22	18	18	18	12	12	22	33	38	40	39	45	54		24.9
SBEE	MAX	39	44	46	55	56	48	46	44		42	38	41	47	43	35	41	42	46	43	34	32	44	50	54	61	64	55	67	72	62		48.0
	MIN	21	25	26	26	31	26	29	25		31	25	23	23	26	22	19	22	16	22	27	19	19	22	22	28	29	38	34	39	50		26.4
SMARCK WB CITY	MAX	37	41	40	49	60	61	47	48	49	48	39	35	45	51	36	38	47	59	41	40	37	36	47	56	58	65	69	74	80	84		50.5
	MIN	21	21	21	27	34	29	31	25	25	30	27	27	21	28	21	18	27	30	29	23	21	21	25	25	28	38	49	44	47	58		29.0
SMARCK WB AIRPORT	MAX	38	44	46	59	61	47	46	49	47	39	35	45	55	38	38	46	57	44	40	38	33	47	56	58	64	70	74	79	84	70		51.6
	MIN	21	23	22	25	33	30	30	27	24	29	28	27	22	26	22	18	26	30	28	24	21	22	23	23	26	36	48	45	47	59		28.8
TTINEAU	MAX	38	41	43	48	55	54	46	47	49	45	43	34	44	47	33	36	39	40	47	42	34	30	42	49	51	58	69	57	71	73		46.8
	MIN	23	20	22	26	31	23	28	25	24	27	21	23	22	28	21	14	20	14	22	23	16	16	18	19	27	33	45	34	42	52		25.3
'BELLS	MAX	34	34	38	43	50	41	42	42	42	38	31	34	40	50	31	31	42	35	45	35	31	30	42	43	53	61	70	69	74	75		44.2
	MIN	8	12	15	22	32	24	24	24	30	29	19	20	22	28	18	19	23	23	24	20	18	20	22	28	28	33	45	39	43	52		25.5
'BELLS 5E	MAX	33	33	35	43	50	42	39	41	45	37	32	34	40	49	29	32	38	34	43	37	29	28	41	45	51	60	70	65	72	75		43.4
	MIN	5	11	12	21	30	23	23	22	29	29	19	20	23	28	17	18	21	21	26	20	15	19	22	24	28	32	33	36	42	42		23.7
'MAN COURT HOUSE	MAX	44	51	61	64	60	52	43	51	50	42	32	45	67	51	34	51	53	48	41	29	38	45	49	52	57	67	72	74	82	76		52.7
	MIN	20	19	24	31	35	23	20	20	28	23	18	11	22	24	10	10	21	23	16	15	17	12	26	22	26	32	39	44	47	55		24.4
TE	MAX	38	43	48	53	56	45	45	48	45	37	34	42	51	46	36	43	46	43	45	39	32	43	51	55	63	69	65	73	78	70		49.4
	MIN	22	23	23	28	33	25	30	24	26	29	26	26	21	28	28	20	27	24	27	22	18	20	24	25	33	34	46	48	45	57		28.7
RINGTON	MAX	34	41	44	46	57	62	49	47	44	48	41	35	39	50	33	35	39	41	40	44	34	30	43	52	56	63	71	61	72	78		47.6
	MIN	22	23	24	25	29	28	29	27	26	27	27	22	20	25	24	20	21	24	24	27	24	19	19	24	21	34	41	39	42	47		26.8
SON 2 SW	MAX	43	50	58	65	62	50	50	50	58	45	38	50	64	42	40	50	60	45	37	36	34	47	56	58	63	70	75	80	82	75		54.4
	MIN	20	18	23	28	34	26	24	18	24	22	23	24	18	26	20	10	23	29	30	20	14	16	22	24	27	34	47	47	46	54		26.4
ALIER	MAX											27	37	48	47	26	36	40	42	47	37	36	47	52	54	54	70	63	55		70		
	MIN											19	24	24	26	23	21	19	25	22	27	26	22	28	33	29	32	48	34				
TER	MAX	37	40	47	57	53	45	45	47	45	37	33	42	57	44	34	46	52	44	40	37	33	44	54	55	64	68	72	78	82	74		50.2
	MIN	17	16	18	22	27	24	27	22	21	27	24	26	16	15	18	13	21	26	21	19	18	24	21	19	21	25	46	39	41			23.2
PERSTOWN	MAX	41	48	47	57	63	60	48	46	45	46	40	36	50	48	30	39	45	46	45	43	38	43	52	55	62	68	63	73	78	73		50.9
	MIN	25	25	24	24	28	30	29	28	28	32	25	22	22	27	21	19	21	26	23	29	25	20	24	24	30	33	46	37	39	49		27.8
SBY	MAX	29	34	43	50	50	39	36	41	47	38	32	32	38	50	31	30	42	35	40	35	34	31	44	43	53	60	67	71	76	77		44.3
	MIN	10	10	11	17	23	24	24	21	22	25	19	17	17	28	16	16	20	21	23	18	18	20	23	25	24	32	36	38	41	54		23.1
ILS LAKE W B CITY	MAX	41	46	46	57	61	48	47	44	48	43	30	38	48	39	34	39	41	45	44	35	31	43	50	54	58	68	55	69	77	65		48.1
	MIN	22	26	26	29	35	30	30	29	27	28	23	23	23	25	23	20	23	21	22	26	20	20	24	25	32	36	45	40	40	52		28.2
KINSON CAA	MAX	42	50	59	65	58	49	46	50	54	41	35	46	67	35	35	49	51	44	35	32	30	44	53	55	60	70	73	76	82	67		51.8
	MIN	23	20	25	29	28	21	23	19	25	22	19	16	21	20	15	14	27	20	17	18	17	15	24	21	28	33	46	42	46	49		24.8
KINSON EXP STATION	MAX	43	44	51	61	67	63	45	48	51	54	41	35	47	57	30	36	50	50	40	34	33	30	45	50	56	65	71	74	77	84		51.1
	MIN	23	20	24	27	29	25	24	17	27	27	21	17	20	25	17	13	25	22	27	18	23	16	21	18	28	32	37	37	41	54		25.2
KE	MAX	39	38	42	47	54	61	48				48	46	42	48	34	37	42	46	44	46	37	42	45	52	55	64	75	67		72		48.9
	MIN	15	18	22	26	32	25	32				27	25	23	29	20	21	26	25	22	24	19	21	20	24	32	35	47	41		60		27.3
N CENTER	MAX																																
	MIN	17	18	18	18	25	21	22	19	23	27	21	18	18	23	18	10	13	24	27	18	21	18	21	18	22	30	36	33	38	45		22.7
SEITB ST SANITARIUM	MAX	40	47	48	57	57	47	46	48	45	42	35	41	45	41	35	38	38	45	42	38	31	42	47	50	58	68	63	68	65	65		47.7
	MIN	23	22	25	22	30	24	28	25	19	30	25	23	27	20	20	15	24	13	22	25	17	13	22	24	30	34	44	37	35	47		25.5
ELEY EXP FARM	MAX	38	41	47	48	57	66	51	41	42	51	41	30	48	51	43	40	43	41	43	46	38	31	42	55	57	66	65	72	77	82		49.8
	MIN	24	20	25	37	29	35	29	32	26	28	26	23	24	31	24	19	18	20	22	30	24	20	24	25	30	31	38	46	46	55		28.7
ORE 1 W	MAX	39	43	45	50	58	50	46	43	46	43	39	36	47	40	32	36	38	45	43	40	33	43	50	53	56	67	60	65	70	64		47.3
	MIN	21	23	23	29	29	28	29	28	27	27	22	22	22	22	22	22	24	18	21	28	19	18	25	25	29	32	46	35	40	48		26.8
OWOODS	MAX	38	45	47	60	64	56	35	49	44	40	33		61	48	36	49	48	46	40	40	36	45	49	54	73	73	70	80	83	77		52.4
	MIN	11	16	27	24	44	15	20	24	33	18	22		34	22	26	24	35	30		18	26	28	28				41	43	53	59		28.8

See reference notes following Station Index.

DAILY TEMPERATURES

NORTH DAKOTA
APRIL 1951

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ELLENDALE	MAX	39	50	51	58	64	59	52	48	51	46	40	41	53	50	40	45	58	50	48	40	38	46	57	59	62	66	75	80	82	76		54.1
	MIN	26	28	27	26	30	37	30	30	31	31	27	25	33	30	26	21	24	30	27	33	27	23	25	28	30	35	48	50	58	57		31.8
EPPING	MAX	38	48	51	62	45	42	48	54	54	39	33	46	58	44	33	48	43	45	41	33	31	43	46	55	65	73	76	80	80	75		51.0
	MIN	14	18	26	25	34	21	23	22	32	25	20	16	22	25	16	13	27	21	19	17	22	15	15	23	27	33	46	33	46	54		25.0
FARGO WB AIRPORT	MAX	34	43	45	52	60	50	47	40	48	44	32	35	47	40	32	39	46	45	46	44	40	46	54	56	63	66	67	70	79	71		49.4
	MIN	30	29	27	28	31	37	34	32	31	32	27	26	29	25	23	23	25	31	28	35	26	20	28	29	31	36	47	40	44	52		31.2
FORMAN	MAX	37	49	48	55	63	57	47	42	48	44	41	39	52	49	34	42	52	45	49	43	40	45	55	57	66	66	75	77	81	72		52.3
	MIN	28	28	27	26	28	36	32	35	32	33	28	25	25	32	25	22	26	30	25	34	28	22	28	29	31	39	49	46	41	56		31.5
FORT YATES	MAX	41	47	52	61	66	58	46	49	57	41	37	45	60	53	36	48	61	53	43	37	34	48	57	58	65	68	74	80	81	77		54.4
	MIN	22	21	18	22	32	33	29	23	19	27	28	28	18	30	33	16	27	33	32	25	24	22	24	22	26	37	41	42	52	58		28.8
FOXHOLM WILDLIFE REF	MAX	37	40	50	59	57	42	45	47	46	38	35	42	54	49	49	41	41	45	44	37	33	42	46	54	63	72	68	71	81	75		50.0
	MIN	16	17	15	24	35	24	23	18	23	29	24	26	16	24	21	17	24	19	24	21	15	19	20	19	28	31	43	59	41	56		25.7
FULLERTON	MAX	36	47	48	58	65	53	48	44	49	44	38	39	52	41	33	43	57	49	48	40	37	46	56	58	68	68	75	79	84	76		52.6
	MIN	27	28	28	29	36	37	31	33	31	33	29	28	25	31	26	21	22	31	25	35	27	23	26	29	32	32	49	48	48	57		31.9
GACKLE	MAX	40	43	47	57	64	53	44	41	48	41	38	37	52	41	38	42	51	45	45	40	31	44	54	59	64	67	70	84	83	75		51.2
	MIN	19	19	21	29	33	25	27	25	25	25	25	25	28	25	23	20	26	25	26	27	24	27	27	27	43	38	48	48	45	54		29.3
GARRISON	MAX	37	41	42	50	56	43	46	47	39	35	34	43	52	33	35	42	46	42	42	34	31	43	52	52	62	69	70	75	80	69		48.1
	MIN	19	17	19	26	31	26	28	25	29	29	25	25	27	23	25	20	18	28	25	21	21	20	19	24	23	30	34	47	39	45	55	27.1
GRAFTON 5TATE 5CHOOL	MAX	42	49	49	55	65	65	50	49	39	45	38	37	47	48	30	40	41	47	47	44	39	46	52	52	56	68	67	64	73	70		50.5
	MIN	25	27	27	26	30	29	30	30	29	33	23	23	24	25	21	20	36	26	22	27	26	22	27	25	29	31	46	34	35	46		28.5
GRAND FORK5 CAA	MAX	37	45	47	55	65	51	49	40	43	44	31	37	47	37	30	39	43	46	43	46	37	45	52	55	56	68	60	63	72	87		48.3
	MIN	28	29	28	29	31	32	32	31	30	30	25	25	26	25	22	22	25	27	25	30	25	22	29	27	33	34	46	36	40	52		29.9
GRAND FORKS UNIVER5ITY	MAX	36	45	46	52	64	56	50	45	43	44	36	38	47	44	30	37	41	47	47	43	39	46	54	53	55	67	61	62	72	88		48.8
	MIN	28	29	29	29	32	32	32	32	30	35	25	25	27	27	22	22	25	29	24	30	28	22	29	27	34	35	45	37	41	52		30.5
GRAND RAPIDS 1N	MAX	39	49	48	58	70	58	49	44	48	46	42	43	52	45	38	43	54	54	47	44	35	48	55	59	67	68	72	82	84	74		53.8
	MIN	26	26	25	23	26	36	28	29	31	32	29	25	22	32	25	20	22	28	23	35	26	22	24	26	29	31	47	45	46	55		29.6
GRANVILLE	MAX	40	45	49	60	60	48	52	53	46	41	36	48	51	46	49	44	44	44	47	39	31	43	52	56	64	73	65	75	80	73		51.8
	MIN	19	19	20	24	32	24	28	22	25	28	24	34	20	28	27	19	23	13	25	22	18	20	22	20	31	32	45	38	43	54		26.8
GRENORA	MAX	46	43	51	60	57	49				41	33	35		39	43	46	42	41	40	34	35	36	42	54	61	69	74	72	81	75		50.0
	MIN	20	16	22	25	24	24	31	15	22	20	20	24	15	24	16	13	33	24	29	16	12	23	27	20	26	34	43	36	38	35		24.2
HANKINSON R R STATION	MAX	42	43	50	55	53	60	58	53	46	61	54	30	34	54	54	46	55	64	41	48	52	47	47	55	57	69	66	73	74	78		54.0
	MIN	26	27	27	27	28	32	32	31	31	31	28	25	27	29	24	22	25	30	29	32	32	23	23	31	32	37	42	42	46	46		30.6
HANNAH	MAX	40	45	46	55	59	50	47	45	47	42	35	37	47	34	31	37	47	44	43	35	29	42	47	50	54	67	60	63	67	65		47.0
	MIN	19	24	24	28	32	27	28	25	26	32	22	21	20	23	21	19	21	21	18	25	15	19	24	28	29	35	46	35	40	41		26.3
HAN58ORO	MAX	39	45		53	57	49	46	48	43	42	34	40	48	40	34	39	38	47	44	37	32	45	50	54	58	69	57	68	68	60		47.7
	MIN	19	22		23	32	26	28	24	24	30	21	21	20	24	20	17	21	16	19	25	16	20	24	21	29	28	44	33	38	47		25.2
HETTINGER	MAX	41	43	47	59	62	60	54	45	46	41	34	47	68	49	36	51	56	50	43	44	40	46	53	54	59	66	74	80	82	72		53.4
	MIN	21	19	24	29	30	31	33	27	20	19	20	12	18	23	16	10	21	24	18	25	21	15	26	28	29	33	39	45	44	47		25.8
HILLS8ORO	MAX	35	45	46	55	58	59	52	49	44	44	30	35	48	46	31	40	43	43	47	45	40	45	54	55	60	68	63	69	80	74		50.1
	MIN	25	27	28	28	26	34	29	31	29	29	25	23	26	29	24	21	20	24	23	30	30	20	26	32	28	31	49	36	36	38		28.8
JAMESTOWN CAA	MAX	41	47	48	58	64	52	47	42	50	44	32	41	50	41	34	43	49	45	45	37	30	45	54	57	66	69	69	75	82	68		50.8
	MIN	25	26	26	26	28	31	29	27	26	30	24	24	22	27	24	19	22	26	26	29	23	21	23	25	28	32	43	37	44	55		28.3
JAMESTOWN STATE HOSP	MAX	43	40	48	58	64	53	47	43	51	44	39	39	50	46	34	42	49	43	44	42	32	45	54	56	65	68	69	75	82	70		51.2
	MIN	26	26	26	27	29	34	29	29	29	32	28	24	23	30	25	20	24	27	29	32	26	21	25	28	29	32	49	40	44	54		29.9
KENMARE	MAX	35	35	46	44	51	44	41	44	49	39	32	35	41	50	38	33	41	34	45	39	32	30	42	46	52	62	67	66	74	78		45.5
	MIN	12	16	16	21	33	25	25	20	30	30	20	21	22	29	18	18	21	17	17	20	18	20	23	25	30	31	41	33	39	56		24.9
KENSAL WILDLIFE REFUGE	MAX	43	48	50	59	65	56	50	45	51	45	40	41	53	40	37	42	47	46	47	42	33	47	56	57	66	65	65	75	77	64		51.7
	MIN	22	23	23	22	23	23	28	27	24	24	27	23	20	29	23	18	18	23	21	30	24	20	20	22	25	33	46	34	40	53		26.3
LANGDON EXP FARM	MAX	44	46	48	53	58	52	51	44	47	44	35	36	48	45	32	37	37	42	44	38	30	43	46	50	54	67	62	63	67	62		47.5
	MIN	18	23	23	27	31	27	26	25	28	32	22	21	21	25	21	18	22	20	17	25	17	18	25	25	30	35	45	35	38	40		26.0
LEEDS	MAX	41	49	51	59	61	53	57	51	50	46	36	42	51	47	38	43	44	49	46	45	33	45	53	56	63	68	60	71	78	71		51.9
	MIN	22	23	24	25	30	26	30	28	26	30	26	23	21	27	23	19	23	16	23	28	16	19	26	23	30	33	45	37	40	51		27.1
LINTON	MAX	38	45	52	61	67	60	46	49	51	41	35	45	56	53	37	48	61	56	43	39	33	49	56	59	66	67	76	81	83	78		54.4
	MIN	22	22	20	25	34	33	31	27	20	29	28	28	19	31	24	15	29	32	26	27	26	21	20	29	25	36	50	46	52	60		29.6
MANDAN EXP STATION	MAX	35	38	43	46	60	59	46	44	47	48	38	34	44	57	37	36	46	57	45	39	37	32	46	55	58	65	70	74	78	83		49.9
	MIN	22	22	20	24	33	29	31	27	23	30	27	27	19	31	22	16	24	30	26	23	20	21	24	24	28	34	48	47	48	58		28.6
MANDAN FT LINCOLN PARK	MAX	40	46	51	61	63	55	48	49	41	36	45	36	57	53	38	49	60	50	43	38	37	49	58	60	67	71	75	81	82	75		53.8
	MIN	22	20	31	28	32	28	29	25	26	21	28	25	20	29	25	29	23	30	27	23	18	21	24	24	28	35	48	49	47	58		29.1
MARMARTH	MAX	48	53	63	68	61	56	48	50	50	40	35	50	70	48	31	56	56	45	37	37	29	50	54	55	60	70	76	78	84	71		54.3
	MIN	21	27	20	30	28	20	18	16	28	27	20	12	20	25	19	9	23	25		18	23	14	20	23	23	29	46	37	54	50		25.0
MAX	MAX	36	47	45	50	59	45	43	45	37	35	33	40	50	34	34	42	41	41	43	37	30	43	52	54	62	68	62	77	78	68		47.7
	MIN	21	22	24	30	25	28	26	28	29	24	24	24	27	20	19	22	24	24	21	20	19	21	24	28	35	37	41	44	48	53		27.7
MAYVILLE	MAX	34	45	47	56	65	59	54	45	43	41	30	36	48	40	33	40	43	46	42	44	39	45	53	55	59	69	62	68	78	72		50.1
	MIN	28	29	27	27	32	34	32	32	30	35	25	25	27	27	23	21	24	28	22	31	28	22	28	25	32	32	49	36	34	43		29.6
MC CLUSKY	MAX	36	41	46	51	55	45	45	47	43	36	33	41	49	44	36	41	46	43	45	37	32	42	51	55	62	68	67	75	79	71		48.7
	MIN	21	21	20	27	31	28	32	27	27	29	26	26	23	28	21	20	27	27	30	23	19	20	23	24	31	35	46	42	40	56		28.3
MC HENRY 5 N	MAX	40	46	45	55	62	49	46	41	48	42	37	38	48	45	32	38	43	44	44	39	30	43	52	54	60	67	60	70	77	69		48.8
	MIN	22	23	24	26	29	28	28	26	25	31	24	21	22	27	22	17	20	24	21	28	23	20	21	23	28	33	45	36	40	50		26.9
MC LEOD 3 E	MAX	40	51	48	56	63	55	49	44	53	47	44	38	46	42	30	47	50	47	42	45	39	42	58	59	69	67	78	75	78	72		52.5
	MIN	27	23	27	24	26	35	32	30	30	34	27	25	27	30	28	26	24	28	30	34	28	29	22	28	29	31	58	40	56	54		31.4
MEDORA TRNMP	MAX	46	54	63	69	64	49	49	54	52	45	35	47	66	49	37	52	53	46	44	34	33	47	53	60	62	73	76	78	84	77		55.0
	MIN	22	15	25	24	25	18	18	15	27	27	22	12	15	25	19	11	28	20	19	18	25	16	18	15	21	31	46	32	51	57		23.9
MINOT CAA	MAX	36	40	48	56	54	43	44	47	41	34	34	43	51	35	37	41	40	43	42	33	29	42	47	52	61	68	63	73	79	70		47.9
	MIN	21	21	22	25	33	23	28	23	31	29	25	27	22	25	22	20	26	21	26	21	20	20	23	24	31	35	46	45	44	58		27.9
MINOT EXP FARM	MAX	37	43	48	57	56	44	46	47	44	37	35	43	52	47	36	42	41	42	44	35	31	42	48	52	62	70	66	74	81	74		49.2
	MIN	20	22	24	27	36	25	26	24	29	29	25	26	22	27	20	18	25	22	28	21	19	20	24	24	30	33	46	40	44	56		27.7
MOHALL	MAX	35	36	41	50	47	44	43	47	38	36	35	42	47	41	34	39	37	44	42	33	28	40	46	53	57	69	65	71	76	68		46.1
	MIN	16	16	17	25	34	25	27	25	31	29	24	27	25	27	22	19	27	22	27	22	16	20	24	25	30	36	46	40	43	54		27.4

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day of month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
OTT	MAX	42	51	58	83	58	50	47	49	52	42	35	46	66	49	35	50	55	45	38	35	40	48	55	58	61	68	74	77	83	70		53.2
	MIN	23	19	20	26	31	29	24	18	16	22	22	18	15	26	20	9	24	29	24	25	19	17	21	21	24	29	47	42	45	54		25.2
UNICH 4 SW	MAX	39	43	45	54	56	51	45	45	45	42	37	37	46	40	35	37	37	45	43	43	31	42	51	50	56	67	61	83	88	83		47.2
	MIN	19	23	24	27	29	28	29	27	26	32	22	22	22	25	28	19	23	17	21	28	16	17	24	26	27	34	48	35	40	49		28.8
APOLEON 1 SE	MAX	35	39	44	56	63	52	44	45	47	42	33	40	52	48	36	43	58	43	45	37	32	45	55	60	84	68	70	78	83	72		50.8
	MIN	19	18	22	23	32	31	30	25	21	26	26	23	22	28	22	27	21	28	22	28	24	19	24	26	28	39	47	48	46	56		28.3
EW ENGLAND	MAX	43	52	60	65	61	56	48	51	49	41	34	46	68	49	35	51	53	52	39	31	30	44	53	55	60	88	73	75	82	69		53.0
	MIN	22	17	20	29	30	22	22	17	24	22	21	14	16	24	17	14	25	24	19	18	19	15	23	22	27	29	29	43	46	55		24.2
EW SALEM 1 S	MAX	37	40	45	60	56	47	46	47	50	40	38	39	62	43	40	37	53	42	38	35	37	40	55	55	72	76	70	82	80	66		50.9
	MIN	20	22	26	24	27	25	28	23	28	25	24	25	25	20	22	14	24	21	26	26	19	23	20	23	33	36	39	40	42	54		28.8
AKES	MAX	33	38	49	50	58	64	53	48	49	48	43	31	39	53	40	34	45	57	44	49	40	30	47	58	59	68	68	74	78	81		50.9
	MIN	27	27	28	25	26	29	30	31	30	32	28	24	25	27	25	21	21	29	25	30	26	21	22	29	32	30	29	37	38	42		28.2
ARK RIVER	MAX	45	49	49	56	65	61	49	47	41	47	39	38	48	46	33	39	41	47	45	42	36	47	52	54	55	71	69	62	70	87		50.3
	MIN	25	29	22	31	36	29	31	30	32	35	24	23	25	28	23	21	21	20	21	27	27	23	28	26	35	34	47	37	32	47		29.0
ARSHALL	MAX	37	45	45	53	59	43	46	49	47	49	35	43	57	45	33	45	43	43	40	35	33	43	49	54	62	71	71	75	80	77		50.2
	MIN	18	15	20	27	30	21	26	20	29	26	22	21	20	26	17	15	28	22	27	19	21	17	20	19	24	32	45	32	47	55		25.4
EMBINA 2N	MAX	41	47	50	51	62	52	48	37	39	41	29	31	46	34	31	39	40	42	43	34	32	39	49	53	54	69	54	52	67	65		47.3
	MIN	28	26	25	32	27	33	30	31	32	25	22	22	27	20	23	22	23	20	25	26	22	24	27	30	32		27	35	43	50		27.9
STER58URG	MAX	41	47	47	55	63	52	47	43	41	42	35	35	51	44	32	40	37	47	48	39	35	43	51	56	61	68	68	69	73	71		49.4
	MIN	31	25	24	27	30	29	30	28	29	30	22	21	23	27	22	19	23	27	22	27	25	27	25	25	32	31	37	38	40	55		28.4
TT180NE	MAX	37	41	47	53	56	54	45	45	46	40	36	40	51	46	35	41		49	43	36	30	42	53	56	64	67	66	75	81	71		49.9
	MIN	23	21	20	27	30	31	30	28	24	28	26	24	19	30	22	18		23	27	30	23	19	22	26	30	32	47	39	45	56		28.3
RTAL	MAX	33	35	39	43	48	41	37	42	47	38	31	33	41	48	29	31	41	36	44	36	29	30	42	44	53	62	71	66		77		43.0
	MIN	6	9	18	26	31	21	22	24	31	27	20	18	26	27	16	17	26	29	27	18	18	19	24	26	28	35	45	41	44	54		25.8
WERS LAKE 1N	MAX	36	42	50	43	38	39	42	45	37	33	31	38	50	36	26	37	35		48	32	32	40	43	51	59	69	59	72	75	67		45.0
	MIN	13	19	28	33	23	22	30	23	30	26	20	19	25	22	15	15	26	29		20												
CHARDTON A88EY	MAX	39	50	57	64	58	54	45	49	52	40	33	45	67	48	35	49	51	45	42	33	30	44	53	57	62	68	73	78	82	75		52.6
	MIN	23	24	25	25	33	25	25	25	27	27	21	18	22	25	18	14	30	26	23	18	23	17	27	27	32	32	46	44	48	53		27.4
VERDALE	MAX	38	42	43	49	55	45	45	47	41	35	34	42	52	43	35	42	46	41	40	35	31	44	52	53	62	69	71	75	80	70		48.6
	MIN	20	19	20	27	32	25	29	25	28	28	25	26	22	23	19	18	27	25	29	20	18	19	24	24	29	35	46	38	47	58		27.4
LLA	MAX	38	43	45	53	54	47	46	48	46	40	33	40	46	40	33	38	36	45	40	36	30	44	50	52	60	67	59	65	68	63		46.8
	MIN	20	25	26	27	34	28	34	25	28	30	23	22	23	25	21	18	22	17	22	26	19	20	24	24	33	33	45	37	40	49		27.3
G8Y	MAX	40	45	49	56	59	51	46	49	45	43	38	42	48	45	36	39	42	46	45	43	35	42	49	53	60	67	67	71	78	76		50.2
	MIN	23	21	24	28	30	26	32	27	28	29	28	25	22	29	23	20	26	14	25	25	21	20	23	24	30	36	47	36	42	54		27.9
N15H	MAX	40	42	43	50	58	55	42	48	50	42	37	33	45	60	33	35	50	42	44	38	35	31	45	50	53	60	72	75	78	82		48.9
	MIN	20	20	23	26	21	21	22	20	23	31	21	20	20	20	12	21	19	22	19	21	19	19	19	19	18	30	36	32	34	52		23.4
ARON	MAX	39	46	47	54	60	53	46	44	45	36	38	37	50	40	33	40	43	49	47	45	37	44	53	54	62	67	65	70	77	72		49.8
	MIN	25	24	24	27	32	31	31	30	32	24	22	25	23	25	22	19	23	25	22	28	26	19	24	26	32	34	47	38	38	50		28.3
ANLEY	MAX	38	43	44	54	47	40	45	48	38	34	32	42	53	33	30	37	33	42	38	32	28	41	45	53	82	70	68	73	76	66		46.2
	MIN	14	17	14	24	24	24	23	21	28	24	19	18	21	21	15	15	26	18	17	17	16	15	21	22	28	30	44	34	45	55		23.7
EELE	MAX	37	40	45	47	64	50	46	50	48	46	32	43	53	47	37	44	55	44	45	39	32	45	54	60	66	70	71	79	83	72		51.5
	MIN	16	14	16	20	29	26	26	24	28	26	24	21	20	27	21	15	20	26	21	25	22	17	21	23	25	31	46	39	49	55		25.8
WNER	MAX	37	42	46	56	60	48	50	52	49	42	39	43	45	45	35	43	39	45	46	43	39	42	50	54	62	72	61	73	79	78		50.5
	MIN	13	20	21	26	29	22	30	29	25	33	26	22	27	23	27	18	27	18	28	22	22	25	29	23	30	37	47	35	41	54		27.6
RTLE LAKE	MAX	35	40	45	48	52	45	45	46	44	37	33	43	52	47	36	41	48	43	42	37	32	42	50	53	62	69	68	75	81	76		48.9
	MIN	19	16	17	20	30	25	31	23	26	29	26	25	21	28	21	19	24	26	29	22	18	19	25	25	30	36	46	39	47	55		27.2
DERWOOD 12 W	MAX	30	40	40	55	55	50	45	48	46	35	36	43	57	45	32	35	45	46	42	33	30	40	46	55	59	70	75	75	74	70		48.4
	MIN	18	15	13	22	29	25	29	22	25	29	26	29	21	27	20	21	27	27	27	21	20	22	21	20	26	32	33	33	53	57		26.3
HAM WILDLIFE REFUGE	MAX	42	46	49	56	57	50	51	54	51	44	38	49	50	44	43	44	46	47	47	41	30	43	54	57	59	76	69	74	74	68		51.8
	MIN	14	16	19	21	28	22	27	22	23	29	26	26	21	29	24	18	21	17	24	23	16	19	19	23	28	33	42	35	42	55		25.4
LLEY CITY	MAX	37	49	48	58	67	63	50	46	46	45	40	41	51	51	33	42	47	47	47	45	41	45	54	57	65	69	66	75	80	79		52.8
	MIN	28	27	27	21	30	35	32	31	30	33	28	25	23	31	25	21	21	26	26	33	29	22	26	26	30	32	48	38	42	54		30.0
N HOOK	MAX	39	48	47	58	58	45	47	50	41	39	35	44	59	46	34	45	43	43	41	35	34	44	50	54	63	73	72	76	80	73		50.5
	MIN	20	19	23	27	34	23	28	22	30	29	23	20	23	27	18	17	30	23	26	20	24	17	22	21	27	35	46	34	46	57		27.0
LVA	MAX	38	44	50	57	60	47	48	50	48	37	35	45	53	45	38	44	46	43	46	40	31	44	50	56	63	71	65	74	80	77		50.8
	MIN	23	22	20	25	38	24	31	23	25	23	26	26	19	29	21	22	24	19	26	23	20	21	23	22	30	33	47	38	45	58		27.5
HPETON STATE SCHOOL	MAX	35	41	44	49	56	54	46	42	48	48	41	34	50	47	33	40	48	47	49	46	42	47	57	63	65	72	72	73	77	75		51.4
	MIN	28	28	27	28	31	36	32	31	30	37	27	27	28	32	24	22	28	31	26	36	29	22	31	32	38	49	49	40	47	53		32.6
SHBURN	MAX	39	42	48	59	54	48	47	48	45	40	36	44	56	36	38	45	50	44	43	39	37	38	46	57	68	61	72	79	82	71		50.4
	MIN	20	18	20	28	34	26	31	26	27	30	27	21	34	22	21	19	28	29	31	23	20	21	19	24	29	34	48	42	48	57		28.6
TFORD CITY	MAX	41	52	60	67	57	43	49	64	47	37	33	46	69	42	35	49	46	47	41	35	32	44	49	57	68	73	75	78	83	74		53.1
	MIN		19	23	27	34	21	22	20	33	27	20	17	23	25	16	13	29	19	18	17	21	14	22	21	28	33	47	36	59	56		26.2
STHOPE	MAX	38	41	43	49	48	43	48	49	40	40	37	43	47	40	36	40	41	47	43	36	32	41	50	53	60	70	63	72	74	63		47.6
	MIN	18	12	15	25	28	26	26	25	30	28	26	25	25	24	23	20	26	20	24	22	19	20	24	25	31	30	47	36	35	53		26.3
LLISTON W8 CITY	MAX	40	49	58	66	48	43	48	54	45	35	34	48	57	34	34	48	42	44	36	32	30	44	47	55	63	72	76	78	82	71		50.4
	MIN	21	22	27	31	30	25	27	25	31	25	22	19	30	24	19	19	31	24	19	21	22	18	25	25	30	39	49	42	53	50		28.2
LLOW CITY	MAX	42	42	50	57	56	50	49	51	43	45	35	46	47	40	39	42	42	46	44	38	30	43	51	56	60	70	59	71	74	64		49.4
	MIN	20	19	22	24	28	25	30	26	25	29	27	26	22	26	23	19	24	14	25	28	20	20	22	23	28	30	46	33	22	53		26.0
LTON RR STATION	MAX	33	35	38	41	52	53	43	43	45	42	34	31	41	52	33	34	41	50	42	40	34	29	42	50	55	63	67	69	77	80		46.3
	MIN	16	18	21	25	29	25	29	24	23	27	23	23	22	26	19	16	23	26	27	20	18	16	22	26	31	31	43	43	45	54		26.4
SHEK	MAX	34	36	41	51	57	65	49		45	49	39	30	37	53	38	35	43	57	47	43	35	32	45	55	56	64	65	71		81		48.3
	MIN	21	20	22	22	31	33	29		23	27	23	22	20	29	22	17	22	28	20	32	23	18	25	25	24	31	46	45		46		26.6

Table 6 for this issue may be found on Page 65.

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
APRIL 1951

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Almont 7 SW	SNOWFALL					T						T			T						1.5	T									
	SN ON GND					T						T			T						1										
Amenia	SNOWFALL												T	T	T	T			-		-	-									
	SN ON GND												T	T	T	T			2	-	-	1									
Ashley	SNOWFALL							T	T			T			T						1.0	T									
	SN ON GND	1																			T										
Beach	SNOWFALL							T			T	T			T	T				1.5	1.0	T	T	T							
	SN ON GND							T			T	T			T	T				1	2	T	T	T							
Bismarck WB Airport	SNOWFALL						T	0.1			T	T	T		T	0.1		T	T	T	2.1	T	T		T	T	T	T	T		
	SN ON GND	2	2	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T			
Carson 2 SW	SNOWFALL																				-	-									
	SN ON GND																				2	1									
Center	SNOWFALL						T				T	T			T						4.0	T								T	
	SN ON GND	2	T	T	T	T	T	T	T	T	T	T	T		T						T										
Crosby	SNOWFALL							T		T					T	1.0			T		T			T							
	SN ON GND	13	13	12	8	4	1	1	T	T						T	T														
Devils Lake WB City	SNOWFALL							0.1			T	T	T		0.5	T		T	0.3		0.8	0.9									
	SN ON GND	T	T	T								T			T	T					1	2	T								
Dickinson CAA AP	SNOWFALL						T			T	T	T			T	T				0.7	0.9	0.1								T	
	SN ON GND	T																		T	T	T									
Dunn Center	SNOWFALL							T			T	T			T	0.3					4.0		T								
	SN ON GND	4	3	2	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	4	T	T	T	T						
Edgeley Exp. Farm	SNOWFALL							1.0											T		T	3.0									
	SN ON GND	T	T	T	T	T	T	1	T	T	T	T	T	T	T	T	T	T	T	T	T	-	-	-							
Ellendale	SNOWFALL	T						T			T	T			T				T			T	T						T		
	SN ON GND	1	T	T																		T									
Fargo WB Airport	SNOWFALL	T							0.3			0.1	T		0.2	0.1		T	T			1.3									
	SN ON GND	1	T	T	T	T						T	T		T	T						1									
Forman	SNOWFALL																		1.3												
	ON ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort Yates	SNOWFALL							T			T	T			T					T	T	T									
	SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	T						T	T									
Grafton State School	SNOWFALL											T										-									
	SN ON GND																					2									
Grand Forks CAA AP	SNOWFALL								T		T	T	T		0.3	T			T		T	1.2									
	SN ON GND	T	T	T	T							T			T	T						1									
Jamestown CAA AP	SNOWFALL							T			T	T	T		0.2	0.1		0.5	1.2		0.2	T									
	SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		T	T	T	T	T	T							
Langdon Exp. Farm	SNOWFALL							T				0.2	0.2		1.0	0.3			0.2		0.2	1.0	0.5								
	SN ON GND														-	-		-													
Marmarth	SNOWFALL										0.6	T			T	0.5				2.0	2.5	1.2									
	SN ON GND										T									2	T	T									
Mayville	SNOWFALL											T	T		0.2	0.3	T		T		2.0	T									
	SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	2	T	T	T							
McClusky	SNOWFALL																				2.0										
	SN ON GND	3	3	3	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	3	3	1	1							
McHenry 5 N	SNOWFALL							T				T			T	0.5			T		T	0.3									
	SN ON GND	6	4	1	T										T	T					T	T									
Medora TRNMP	SNOWFALL							T			T				T					T	2.4	T									
	SN ON GND																			T	T	T									
Minot CAA AP	SNOWFALL							T			0.2	T	T	T	0.1	T		1.0	0.6	0.8	2.5	T									
	SN ON GND	2	1	T	T	T	T	T	T	T	T				T			T	T		1	T									
Mohall	SNOWFALL									2.0					0.2			T	0.5	1.0	5.0										
	SN ON GND	30	25	-	-	6	3	-	-	3	-	-	-	-	2	-	-	1	1	1	2	-	-	-							
Mott	SNOWFALL											T			T	T				T	0.8	0.4									
	SN ON GND																														
Napoleon 1 SE	SNOWFALL								T				T			T					3.0	T	0.2								
	SN ON GND	2	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T				1	1									
Parshall	SNOWFALL							T			T		T			T				T	3.5	T									
	SN ON GND	2	T	T																	-	-									
Pembina 2 N	SNOWFALL											T	T			1.0	2.0	-	-				2.9	-							
	SN ON GND															-	-							-							
Petersburg	SNOWFALL								T				T								T	-	T								
	SN ON GND	1																				-	-								
Pettibone	SNOWFALL																			0.2	3.5	0.2									
	SN ON GND	2	1	1																	2	1	T								
Portal	SNOWFALL							T		1.0	1.0				1.0						6.0										
	SN ON GND	12	10	9	6	4	3	3	1	1	1				1						6	4	2								
Richardton Abbey	SNOWFALL							0.2	T		T	0.1			0.1				T	T	1.7	0.5									
	SN ON GND	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	1	1	T	T	T	T	T				
Riverdale	SNOWFALL							T			T	T	T		T	T				1.0	5.0	0.5	T								
	SN ON GND	8	8	5	5	3	2	1	1	1	T	T	T	T	T	T	T	T	T	T	5	3	T	T	T	T	T	T	T	T	T
Rolla	SNOWFALL										T	T			0.4			0.5	T		0.1	0.1								T	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	T						T			T	T									
Rugby	SNOWFALL										-	-	-		-	T			-	-	3.0	-									
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sharon	SNOWFALL										T	T			1.0						1.0	2.0									
	SN ON GND	1	T	T	T	T	T	T	T	T	T	T			1	1	T					2									

See reference notes following Station Index

Table 7 -Continued

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Stanley	SNOWFALL																			2.0	2.5	2.0										
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Steele	SNOWFALL										T	T				T			1.0		2.0	T	T								
	SN ON GND	4	3								T	T									T	T	T								
Upham Wildlife Refuge	SNOWFALL														T			T	1.5		3.4	0.4									
	SN ON GND	-	11	-	7	-	6														2	2	1								
Velva	SNOWFALL									T	T	T			T			T	2.0		4.0	T									
	SN ON GND	3	2	1	1	T				T					T				T		2	1	T								
Wahpeton State School	SNOWFALL								-						-	T	-				-	-	T								
	SN ON GND	3	2	1											-	-	-	-	-	-	-	-	-	-	-	-	-				
Watford City	SNOWFALL																			3.8											
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Williston WB City	SNOWFALL						T			T	T	T			0.2	T		T		2.8			0.1								
	SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T		T					3	2	1	T	T							

Table 6

EVAPORATION AND WIND

Stabon		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
Edgeley Exp. Farm	EVAP	-	-	.06	.15	.11	.15	.18	.18	.04	.08	.08	*	.15	.05	*	.17	.07	.04	.21	.07	-	*	.11	.14	.12	.03	.43	-	-	.25		3.44B
	WIND	-	-	25	107	67	38	185	264	109	132	155	299	147	63	248	79	70	166	55	34	127	167	109	43	19	90	208	148	93	138		40628
Riverdale	EVAP	-	-	-	-	-	.04	.10	.11	.17	.06	.08	.07	.15	.03	.18	.09	.13	.11	.06	.08	.09	.08	.12	.15	.18	.28	.29	.27	.47	.21		4.32B
	WIND	-	-	-	-	-	91	99	62	87	145	133	110	102	258	205	88	164	94	113	109	88	215	66	50	71	214	183	67	386	361		4273B

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, sucb as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in tbe June issue of tbis bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and bail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See tbe Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 CST.

- No record in Tables 3, 4, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
+ And also on a later date or dates.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with a windshield.
6 Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.
8 Adjusted to a full month.
E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, bave been adjusted to represent the value for the full month.
R Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T Trace, an amount too small to measure.
V Includes total for previous month.
SS This entry in time of observation column in Station Index means observation made near sunset.

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W.B.O., Kansas City, Mo. -- 6-11-51 -- 1085

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	88 06	-		6P	Myron J. Bata	3
Alexander RR Station	0098	McKenzie	13	47 50	103 38	1200		6P	Arthur J. Bauman	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Hogue Ramsland	2 3 5 7
Alpha 1 S	0149	GoldenValley	7	46 37	103 49	-		7P	R. A. Bury	3
Ambrose	0189	Divide	12	48 58	103 28	2080		6P	Ronald L. Banson	3
Ameela	0196	Cass	11	47 00	97 13	960	SS	SS	Virgil L. Geheke	2 3 5 7
Amidoe	0209	Slope	1	46 30	103 19	2910	8A	8A	Talield Zundel	2 3 4 5
Antler	0283	Bottineau	12	48 58	101 20	1540			W. N. Wegner	3 4
Arvilla State Park	0369	Grand Forks	10	47 56	87 30	960	8P	6P	Albert Thoren	2 3 5
Ashley	0382	McIntosh	8	48 02	98 22	2025	8A	8A	Soo Line Agent	2 3 4 5 7
Baldhill Dam	0450	Barnes	11	47 02	98 05	1300	8A	8A	F. A. Johnson	2 3 5
Ballour	0492	McHenry	12	47 57	100 32	1615		MID	Raymond E. Weiler	3 4
Balta	0500	Pierce	11	48 10	100 02	-		6P	Nick Schaan	3
Bantry	0518	McHenry	12	48 30	100 36	-		6P	Temple K. Roherte	3
Beach	0590	GoldenValley	7	46 55	104 01	2814	6A	6A	Luther P. Hodgin	2 3 4 5 7
Belcourt Indian Res.	0826	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 4 5
Bellield	0639	Stark	4	46 52	103 11	2392	7P	7P	Carl lodergaard	2 3 5
Berthold	0729	Ward	12	48 18	101 44	2080		6P	Joseph B. Cox	3
Beulah	0768	Mercer	8	47 16	101 47	1780		7P	Keile Riv. Coal Co.	3 4
Bisbee	0796	Towner	2	48 37	99 22	1600	6P	6P	Robert J. Krick	2 3 5
Bismarck WB City	0814	Burleigh	8	46 48	100 48	1870	9A	9A	U.S. Weather Bureau	2 3 5
Bismarck WB Airport	0819	Burleigh	8	46 48	100 45	1650	MID	MID	U.B. Weather Bureau	2 3 4 5 7
Bottineau	0941	Bottineau	12	48 50	100 27	1638	8A	8A	N.O. 8chl of Frstry	2 3 5 7
Bowbelle	0981	Burke	12	48 48	102 15	1953	8A	8A	Felix L. Adams	2 3 5 8 7
Bowhells 5 E	0966	Ward	12	48 47	102 08	1925	8A	8A	Development Farm	
Bowman Court House	0995	Bowman	3	46 11	103 23	2872	5P	5P	O. B. Nook	2 3 4 5
Bowman 11 SE	0998	Bowman	3	46 04	103 19	-		6P	Bereard L. Domagala	3
Bowman 30 NNW	1001	Slope	8	46 35	103 31	-		5P	Robert L. Ranson	3
Breien	1052	Mortoe	1	46 24	100 57	1720		MID	Frank E. Potter	3 4
Butte	1225	McLeae	12	47 50	100 40	1880	5P	5P	Art F. Petereon	2 3 5
									Harry E. Harris	3 4
Cando	1288	Towner	2	48 29	99 12				Soo Line Agent	2 3 5
Carrington	1360	Foster	5	47 27	99 08	1579	7A	7A	Vincent Muggli	3 4
Carson	1365	Grant	4	46 25	101 34	2300		MID	J. W. Evens	2 3 5 7
Careoe 2 SW	1370	Grant	4	46 23	101 35	2500	7P	7P	T. W. Thoreteinson	2 3 5
Cavalier	1435	Pembina	8	48 48	97 38	894	5P	5P		3
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Fred L. Meinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columhue	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	R. J. Lockner	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523		5P	G. R. Nanawalt	3
Crosby	1871	Divide	12	48 54	103 18	1954	7A	7A	Vernon V. Nichols	2 3 4 5 7
Dawson	2018	Kidder	8	46 52	99 45	1730		MID	Ralph W. Wise	2 3 4 5 6 7
Devils Lake WB City	2158	Ramsey	2	48 07	88 52	1471	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Dickinson CAA AP	2183	Stark	4	46 48	102 48	2587	MID	MID	D.S.Civil Aero Adm	2 3 5 6
Dickinsoe Exp. Station	2188	Sterk	4	46 53	102 48	2460	7A	7A	Leroy Moomaw	2 3 5 6
Doeoybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred B. Feldner	3
Drake	2298	McReery	12	47 55	100 22	1634	8P	8P	Paul Kuotz	2 3 5
Dune Ceeter	2365	Dunn	6	47 21	102 37	2191	6A	6A	Charlee C. Neuetel	2 3 5 7
Dunseith St. Sanitarium	2385	Rolette	12	48 50	10D 02	2001	5P	5P	N.D. State Hoepital	2 3 5
Eckana	2472	Bottineau	12	48 39	101 03	1500	7A	7A	E. R. Sherman	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta	2 3 4 5 6 7
Edmore 1 W	2525	Remsey	2	48 25	98 29	1524	8P	8P	Mike Davis	2 3 5
Elbowoods	2570	McLean	8	47 35	102 09	2082	8P	6P	H. W. Cane	2 3 5
Elgie 5 S	2592	Grant	1	46 21	101 49	-		6P	Art A. Enlinger	3
Elleedale	2805	Dickey	5	46 D0	98 31	1460	8P	8P	Paul Greee	2 3 5 7
Eppieg	2735	Williams	8	48 18	103 21	2224	6P	6P	T. Beaebler	2 3 5
Esmoed	2767	Benson	11	48 02	99 46	1650		MID	Lyle O. Fering	3 4
Fairlield 8 N	2808	Billiegs	7	47 18	103 12	2650		6P	Mrs. Edith Larson	3
Fargo WB Airport	2859	Cass	10	46 54	96 48	695	MID	MID	D.S. Weather Bureau	2 3 4 5 7
Feneeeden	2949	Wells	5	47 39	99 37	1610	6P	6P	John V. Zuber	2 3 5 7
Flasher	3009	Mortoo	1	46 27	101 14	1930		8A	George W. Sinclair	3
Flaxtoe	3019	Burke	12	48 54	102 23	1940		6P	Palmer W. Dunbam	3
Formao	3117	Sargeet	10	46 08	97 38	1249	6P	6P	Art Watermae	2 3 5 7
Fort Yatee	3207	Sioux	8	46 06	100 38	1640	SS	SS	Stand Rk Indian Agy	2 3 4 5 7
Foxholm Wildlile Reluge	3217	Ward	12	48 27	101 33	1609	5P	5P	U.S.Wildlile Reluge	2 3 5
Fryhurg	3277	Billiegs	4	48 53	103 18	2790		7A	Herman J. May	3 4
Fullertoe	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alin	2 3 5
Gackle	3309	Logae	5	46 38	99 08	1951	6P	6P	Alvil Sumsel	2 3 4 5
Garrinoe	3376	McLean	8	47 38	101 25	1911	MID	MID	Albert J. Beirele	3 4
Gladstoee 22 N	3446	Duen	6	47 11	102 39	-			Richard Bailey	3 4
Glen Ullie	3496	Mortoo	4	46 49	1D1 49	2090		MID	Frederick J. Anhorn	3 4
Glen Ullie 13 N	3501	Mercer	6	47 00	101 47	-		6P	Chrint Schilling	3
Goldee Valley 10 S	3529	Mercer	6	47 10	102 03	-		6P	Robert B. Backlisch	3
Golva 1 SE	3556	GoldenValley	7	46 47	103 57	2780		MID	U.S.Civil Aero Ada	3 4
Gralton State School	3584	Welsh	10	48 25	97 26	827	5P	5P	Dr. J. C. Lamont	2 3 5 7
Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	834	MID	MID	U.S. Civil Aero Adm	2 3 4 5 7
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	7P	Univeresity ol N. D.	2 3 5
Grand Rapids 1 N	3665	La Moure	5	46 29	98 21	1360	6P	6P	Albert J. Nese	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625		MID	Oswald B. Bjorelie	3 4
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Roble	2 3 5
Grassy Butte	3696	McKeezie	7	47 24	103 14	2660			Sam Charcheeko	3 4
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	-		6P	Edsel G. Crist	3
Gremora	3736	Williame	8	48 37	103 36	2114	5P	5P	L. D. Nielson	2 3 5
Baley	3836	Bowman	3	48 58	103 08	-			J. B. Crawford	3 4
Halliday	3:4.	Dune	6	47 21	1D2 20	2073		6P	Johe Kisse	3 4
Bankieeoe RR Station	3908	Richland	10	46 04	98 54	1068	7A	7A	Soo Liee Agent	2 3 5
Banealord	3926	Griggs	11	47 18	98 12	1428		MID	Relen Beneon	3 4
Raoeah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	D.S. Custome Ollice	2 3 5
Hanhoro	3963	Towner	9	48 57	99 23	1597	7P	7P	W. E. Disher	2 3 5
Barvey Water Works	4013	Wells	11	47 45	99 53	1596		6P	H. J. Reynolde	3
Bayeen 6 NE	4073	Adams	1	46 01	1D2 24	2640		MID	Byron B. Bohb	3 4
Razeltoe RR Station	4083	Emmons	8	46 29	100 17	1978		MID	Sphraie Zacher	3 4
Bettinger	4178	Adams	3	46 00	1D2 38	2680	6A	6A	Gerbard Christieeo	2 3 5 7
Rettinger 17 N	4186	Adams	1	46 13	102 39	-		6P	G. J. Gerhracht	3 4
Billsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahoke	2 3 5
Burdelield	4343	Wells	5	47 27	99 55	1915		MID	Mrs. Ruth Buchwitz	3 4
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1497	MID	MID	U.S. Civil Aero Adm	2 3 4 5 7
Jamestown State Bospital	4418	Stutsman	5	46 53	98 40	1457	7P	7P	N.D. State Hospital	2 3 5
Keeee	4571	McKenzie	8	48 00	102 55	-		6P	Oeeald M. Lund	3
Kennare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo B. Eckherg	2 3 4 5
Kensal Wildlile Reluge	4856	Stutsman	5	47 15	98 52	1440	7P	7P	U.S.Wildlile Refuge	2 3 5
Killdeer 8 NW	4726	Dune	7	47 26	102 53	2240		7A	Leonard J. Davie	3 4
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	-		MID	Paul A. Kretechmar	3 4
Langdoe Exp. Farm	4958	Cavalier	9	48 45	98 21	1615	5P	5P	V. Sturlaugnoe	2 3 5 7
Laeslord	5002	Bottieeau	12	48 38	101 22	160D		6P	C. L. McKeeo	3
Larimore	5013	Graed Forks	10	47 54	97 38	1134	5P	5P	Beeeie Bogeo	2 3 5
Leeds	5078	Benson	2	48 17	98 26	1515	7P	7P	John Fager	2 3 5
Lefor 10 E	5088	Stark	4	46 38	102 21	2580		5P	Josepb Liek	3
Llotoe	5210	Emmoes	8	46 18	100 14	1711	8P	8P	William Beyerman	2 3 5 7
Lishoo	5220	Kaseom	11	46 26	97 41	1091	7A	7A	Robert W. Jodnaas	2 3 5 7
Maddock Agri. Bchool	5434	Beeson	11	47 58	89 30	1604	6P	6P	Beeson Cy Agr Schl	2 3 5
Maedae Exp. Station	5479	Morton	4	46 48	100 54	1750	6A	8A	No. G.P. Field Sta.	2 3 4 5 6
Mandan Ft. Lincoln Park	5484	Morton	8	48 47	100 52	1700	6P	6P	Park Supt.	2 3 5
Marmarth	5573	Blope	7	46 18	103 55	2714	6P	6P	S. P. Graee	2 3 5 7
Marmarth M D U Co.	5575	Slope	7	46 18	103 55	2710			E. B. Jeeteen	3 4
Martie	5610	Sheridan	11	47 50	100 D7	1610		6P	Johe W. Magnumoe	3
Max	5638	McLean	8	47 49	101 17	2093	7A	6P	Soo Line Agent	2 3 5
Mayville	5680	Traill	10	47 30	97 19	975	6P	8P	B. A. Ragaz	2 3 5 7
McClunky	5710	Sheridan	8	47 29	100 29	1943	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor RR Station	5720	Williams	8	48 36	102 56	-		MID	Bartvin Bermaeson	3 4
McBeery 5 N	573D	Eddy	11	47 38	98 35	1509	8P	8P	C. E. Blacky	2 3 5 7
McLeod 3 E	5754	Richlaed	11	48 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
McVille	5784	Nelsoe	11	47 46	98 11	1467		6P	R. B. Koielel	3
Medina 1 W	5788	Stutsman	8	46 53	99 19	-		8P	Rudolph Graf	3
Medora TRNKP	5813	Billiege	7	46 58	1D3 30	2250	5P	5P	U.S.Forest Service	2 3 5 7

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
Melville	5833	Poeter	5	47 20	98 02	1625		MID	Edgar S. Stegmeier	3 4
Minot CAA AP	5988	Ward	12	48 15	101 17	1724	MID	MID	U S Civil Aero Ade	2 3 4 5
Minot Exp. Farm	5983	Ward	12	48 10	101 18	1720	6P	6P	N C Agri Exp Sta	2 3 5
Molfit RR Station	6015	Burleigh	8	46 41	100 18	1760		9A	Soo Line Agent	3
Mohall	8025	Renville	12	48 46	101 31	1638	9P	9P	Iver Johnson	2 3 5 7
Mootpelier	8105	Stutsman	5	46 42	98 35	-		8A	Roll Haneoo	3
Mott	8155	Hettinger	1	46 23	102 20	2420	SS	SS	Forrest E. Colling	2 3 4 5 7
Munich 4 SW	8185	Cavalier	2	48 38	88 53	1598	7P	7P	Barold Feldner	2 3 5
Napoleon 1 SE	8255	Logae	8	46 29	89 45	1855	7P	7P	Gladys J. Petereon	2 3 4 5 7
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Belleger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 33	99 18	1550		6P	Richard Steibach	3
New Salem 1 S	6365	Mortoe	4	46 50	101 25	2183	6P	6P	William F. Graebe	2 3 5
Noonan	6455	Divide	12	48 53	103 01	1880		8P	George Koetek	3 4
Northgate	6535	Burke	12	49 00	102 16	1850			U S Custome Station	3 4
Oakee	8620	Dickey	5	46 08	98 05	1320	8A	8A	C. W. Hagen	2 3 4 5
Park River	6857	Walsh	10	48 23	97 45	988	5P	5P	Martle Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 W	8947	Pembina	10	49 00	97 14	790	7A	7A	U S Custome & Immig.	2 3 4 5 7
Petersburg	7027	Nelsoe	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 07	98 31	1880	7P	7P	L. H Dethloll	2 3 5 7
Portal	7201	Burke	12	48 00	102 33	1854	9A	8A	U S Customs Service	2 3 5 7
Powers Lake 1 N	7281	Burke	8	48 34	102 38	22D5	7P	7P	Herbert J. Clark	2 3 5 7
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Leer	3
Rauh	7405	McLean	8	47 44	1D2 04	-		MID	Alvin Larson	3 4
Reeder	7450	Adams	3	46 06	1D2 57	2810		6P	Heery A. Donner	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2860		8A	Chas. M. Metzinger	3
Richardton Abhey	7530	Stark	4	46 53	102 18	2467	5P	5P	Aesumption Abbey	2 3 4 5 7
Riverdale	7585	McLean	8	47 30	101 21	191D	5P	5P	Corps of Engineers	2 3 4 5 6 7
Rolette	7655	Rolette	12	48 40	99 5D	1825	MID	MID	George F. Gehree	3 4
Rolla	7864	Rolette	9	48 52	98 37	1880	7P	7P	Theo S. Fagerlund	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 D0	156D	8P	6P	Frank Horsetele	2 3 5 7
Ryder	7748	Ward	8	47 55	101 40	2108		9A	S. C. Schellenbaum	3 4
Sanieh	7834	Mountrail	8	47 58	102 32	1835	7A	7A	B. J. Bugge	2 3 5
Sarlee	7844	Cavalier	8	48 57	98 00	1585		MID	Clareoce J. Oleon	3 4
Scranton	7932	Bowman	3	46 D9	103 09	-		6P	Benry M. Soehree	3
Selfridge 11 W	7952	Sioux	8	46 01	1D1 10	2183		7P	L. E. Wilson	3
Sharon	7968	Steele	1D	47 36	97 54	1516	8P	8P	Bugh Lyoe	2 3 5 7
Sherwood	8047	Renville	12	49 D0	101 38	1647		6P	U S Custome Bervice	3
Sheyenne	8057	Eddy	11	47 5D	98 D7	1500		MID	Pehr A. Petereon	3 4
Shield	8065	Grant	1	46 14	1D1 D7	-		6P	Edwin O. Carlson	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 4 5 7
Steele	6386	Kidder	B	46 51	99 55	1857	8P	8P	Leon W. Lesher	2 3 5 7
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	George W. Pilgard	3
Tioga	8737	Williams	8	48 24	102 58	2279		6P	L. A. Bison	3
Tolley 4 NE	8764	Renville	12	48 46	101 47	-		8P	Carwie Welsoe	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trottern	8807	GoldenValley	13	47 20	103 54	2420		5P	Walter Grueeeald	3
Trottern 3 S	8812	GoldenValley	13	47 17	1D3 54	242D		MID	John O. Hellermae	3 4
Turtle Lake	8840	McLean	8	47 31	100 53	1899	5P	5P	Art Klungtvedt	2 3 5
Tuttle 8 SW	8850	Kidder	8	47 D2	100 04	1938		8P	Adam Leeo	3
Underwood 12 W	8877	McLean	8	47 26	1D1 24	1250	6P	6P	Mre. F. W. Mattoon	2 3 5
Upham Wildlife Sefuge	8913	McHenry	12	48 37	1D0 44	1425	5P	5P	D S Wildlife Reluge	2 3 5 7
Valley City	8937	Barnes	11	46 55	88 D0	1229	8P	6P	Miee I.C.Robertmon	2 3 5
Vao Rook	8970	Mountrail	8	47 57	1D2 21	1864	9P	9P	Erwin A. Wentech	2 3 5
Velva	899D	McHenry	12	48 D3	100 SS	1511	6P	6P	Oscar Andereon	2 3 5 7
Veroea	9035	La Moure	5	46 22	88 04	-		10A	Louie J Frandsoo	3
Wahpeton Power Plaet	9095	Richland	10	46 17	96 36	962		MID	Victor Burtoo	3 4
Wahpeton State School	9100	Richland	1D	48 16	96 38	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	9	48 56	97 54	950		7P	Joseph A. Senier	2 3 5
Washburn	9185	McLean	8	47 17	101 D2	1731	6P	6P	Fred F. Jollerie	2 3 5
Washburn Water Works	9205	McLean	8	47 17	1D1 D2	1730			Washburn Water Wks	3 4
Watauga 8 N, E. Dak.	9219	Grant	1	46 D2	1D1 34	-		6P	John C. Spicer	3
Watford City	9233	McKenzie	8	47 48	103 17	2D84	8P	8P	J. C. Zeller	2 3 5 7
Watford City 11 E	9238	McKenzie	12	48 55	1D1 D1	15D8	6P	MID	Ide Peterson	3 4
Westhope	9333	Bottineau	12	48 55	101 D1		6P	6P	Rev. R. Carey	2 3 5
Wildroee	940D	Williams	8	48 38	1D3 1D	2258		6P	Jonathan Winkjer	3
Williston WB City	9425	Williams	8	48 D9	103 35	1877	MID	MID	U S Weather Bureau	2 3 4 5 7
Willow City	9445	Bottieeau	12	48 36	100 17	1471	8P	8P	D. W. Sanderson	2 3 5
Wiltoe RR Station	9455	McLean	8	47 D9	100 48	2159	8A	8A	Soo Line Agent	2 3 5
Wiehek	9515	Mclotosh	8	48 18	99 34	2010	8A	8A	N. W. Larson	2 3 5
Zahl	9635	Williams	8	48 34	1D3 41	2000		6P	Ola Severtsen	3

NEW STATIONS

Pingree	7117	Stutsman		47 1D	98 54	1572		6P	Jerry W. Tangsey	3
Nortonville	8568	La Moure		46 33	98 44			6P	Henry L. Erickson	3
Sykeston	8608	Wells		47 28	99 24	1653		6P	William R. Evans	3
Burt 16 N	1216	Bettinger		46 36	102 08			6P	Jacob Graebele	3
Lostwood 12 N	5320	Burke		48 33	1D2 24	225D	6P	6P	Lostwood Wildlife S	2 3 5

‡ Draiaage Code: 1. Caeeeoball 2. Devile Lake 3. Graed 4. Beart 5. Jamee 6. Keile 7. Little Miseouri 8. Missouri 9. Pembina 1D. Red 11. Sheyenne 12. Sourie 13. Yellowstooe

Relerence Notes lor thin issue may be lound oe Page 65.

Nat. Hist.

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CLIMATOLOGICAL DATA

NORTH DAKOTA

MAY 1951
Volume LX No. 5

KANSAS CITY: 1951

DATA
MISSING

NORTH DAKOTA - MAY 1951

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

May was a warm and rather dry month which made it practically ideal for completing spring seeding operati Dry topsoil conditions, however, kept many farmers from seeding much flax until more rain was received. winds on several days through the month caused some soil blowing though no real damage was done. Moderat heavy rains at the close of the month in the southern sections of the state relieved a developing drouth dition.

The mean temperature for the state was 56.6 degrees which is 2.7 degrees above normal. The eastern divi averaged 57.9 degrees which is 3.6 degrees above normal; the middle division averaged 56.5 degrees, 2.7 deg above normal; and the western division averaged 55.5 degrees, 2.0 degrees above the normal. The highest temperature over the state was recorded at Baldhill Dam, about 10 miles northwest of Valley City, with degrees. Eckman reported 53.1 degrees for the lowest mean temperature. The highest temperature recorde the state was 94 degrees at Baldhill Dam on the 23rd. The lowest temperature was 21 degrees at Belcour the 10th. Genera_ly the last killing frost occurred on the 11th or 12th. However, slightly below free temperatures were reported in the northwest portion of the state on the morning of the 21st.

Precipitation over the state averaged 1.15 inches which is 1.11 inches below normal. The eastern divi averaged 1.09 inches which is 1.40 inches below normal; the middle division averaged 1.22 inches, 0.94 below normal; and the western division averaged 1.14 inches, 1.01 inches below normal. The greatest am of precipitation recorded in a single day was 1.76 inches at Fullerton on the 14th. Fullerton also reco the greatest monthly total with 3.44 inches. On the other hand Noonan and Grenora in the northwest part of state each reported no precipitation during the month. Precipitation was almost entirely in the form of r However, on the evening of the 31st rain turned to snow in parts of the southwest portion. Mettinger repo 2.0 inches of snow on that day and other stations reported snow during the evening that does not show in record for May.

The month opened with a continuation of the warm weather that set in during the last week of April. Ligh locally heavy precipitation occurred about the 1st with heaviest precipitation in the north central sect where several stations reported over an inch. The crop season is considered to be about one week later normal. Seeding was just becoming general in the northwestern and north central counties by the end of first week, whereas over the remainder of the state good progress had been made with as much as 75 percen the wheat seeding completed in some southern and central counties. From this time on spring seeding conti at a rapid and steady rate until completion. Lack of moisture was first becoming a problem in east cen counties during the 2nd week. As the month progressed topsoil moisture deficiencies began to be felt in and more sections of the state, becoming quite general by the last week. Several days of warm and dry w throughout the month aided in depleting the available moisture supply. Although some minor dust storms reported, no serious damage has been reported due to wind. Subsoil moisture generally was in good supply du the month except in some southern counties. Because of the dry weather many farmers held off the seedin much flax until a good rain could materially improve the chance of success with that crop. Wild oats in tation was serious in many areas of the state, and some fields have been plowed up and either left as sum fallow or reseeded to later crops. Grains during the month generally made good growth with even and t stands. Later seeded crops did not do as well due to dry topsoil conditions. The needed rains developed the south portion of the state beginning on Memorial Day and spreading northeastward by the end of the mo Rainfall at this time was moderate to heavy at many stations in the southeast and extreme south portions of state. Thus crop prospects at the end of the month were somewhat on the favorable side in most section the state.

Livestock made good progress during the month. There were substantially no losses to livestock due to favorable weather conditions. Pastures developed rather slowly but by the middle of the month were suppl most of the livestock feed requirements.

High winds on the 6th, 12th, and 28th caused damage to buildings in scattered areas of the state. A stor the 12th near Bowman destroyed several buildings, damaged some growing crops, and damaged some growing gr Possibly a small tornado may have moved through this area. A hailstorm was reported at Parshall on the that covered the ground with hailstones as large as marbles. A few windshields and windows were broken, it was too early to cause any appreciable crop damage.--CJS

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages --mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydrocl Network stations were presented in bulletins (Hydrologic Bulletins) were issued monthly for each of 8 drainage areas embracing the entire States, but since the Network was established to meet the internal re ments of the Federal agencies referred to above, no provision was ma public dissemination of the data, distribution being limited to coope agencies and to certain public repositories. A list of locations wher reference copies of the Hydrologic Bulletin Series are available for insp may be obtained upon application to Chief, U. S. Weather Bureau, Wash 25, D. C.

Many other records published in this bulletin have been made available t the cooperation of various public offices, private agencies, and indiv are listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01–09	.10–49	.50–99	1.00–1.99	2.00 and over	Total		
ismarck WB AP	SSE	12	10.9	42	SE	12	67	75	43	39	2	5	3	0	0	0	10	85	5.9
evile Lake WB City	-	-	9.3	34	NW	29	-	-	-	-	4	2	3	0	0	0	9	79	4.1
rgo WS AP	NNE	15	13.4	45	SE	1	65	71	40	39	3	8	2	1	0	0	14	80	4.8
illiston WB City	-	-	8.1	33	W	24	62	72	40	35	9	3	2	0	0	0	14	77	5.7

COMPARATIVE DATA

ble 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
892	46.6	96	13	2.20	3.9	12	1915	51.1	98	15	3.13	0.4	9	1938	52.0	88	18	2.55	0.2	11
893	52.2	97	19	1.61	0.2	6	1916	51.0	95	7	2.10	0.3	8	1939	60.1	104	18	1.55	0	8
894	54.6	98	23	1.51	0.0	5	1917	51.2	98	15	0.34	0.1	2	1940	54.9	96	17	1.97	0.1	8
895	54.4	101	15	2.48	0.0	8	1918	51.7	99	6	2.27	0.5	9	1941	58.3	98	21	2.94	T	12
896	56.9	103	22	4.98	0.0	13	1919	55.5	101	16	3.11	0.4	9	1942	50.0	87	19	3.03	0.5	11
897	55.4	97	16	0.69	T	4	1920	53.9	89	20	1.76	0.1	7	1943	49.9	96	15	2.21	1.0	9
898	52.7	92	14	1.98	0.0	5	1921	53.8	90	21	2.44	T	9	1944	58.2	95	11	2.73	0.1	11
899	50.6	91	16	3.49	0.4	8	1922	56.3	93	24	3.39	0.1	12	1945	47.7	84	10	1.54	0.5	8
900	59.2	106	15	0.69	0.0	3	1923	54.1	100	13	1.77	0.2	6	1946	50.6	88	10	1.60	0.6	9
901	60.0	99	19	0.31	T	2	1924	46.9	84	15	0.81	0.0	5	1947	49.9	87	13	1.11	T	7
902	55.9	94	24	3.57	0.4	10	1925	53.6	111	10	1.44	T	4	1948	55.1	101	22	1.38	0.1	6
903	54.3	96	11	3.12	T	4	1926	58.5	105	10	2.20	0.0	7	1949	56.6	93	19	2.34	T	9
904	54.2	93	20	1.60	T	6	1927	48.0	87	13	5.68	3.2	14	1950	49.4	95	23	3.44	8.8	11
905	50.1	88	10	2.91	4.0	8	1928	58.2	107	16	1.08	0.0	5	1951	56.6	94	21	1.15	T	6
906	50.8	99	11	4.91	0.4	12	1929	49.1	92	8	2.99	0.4	7							
907	44.0	84	6	1.31	3.1	6	1930	50.8	98	18	2.62	0.7	9	Period	53.5			2.26	0.6	
908	50.8	88	9	2.90	0.9	8	1931	53.1	100	10	1.41	0.3	6							
909	51.0	98	5	4.46	0.1	10	1932	55.9	98	25	2.15	2.2	6							
910	50.7	94	10	1.03	0.1	6	1933	54.8	98	19	3.15	T	9							
911	55.0	99	6	2.90	T	8	1934	63.6	111	18	0.36	0.0	3							
912	54.2	90	16	4.39	0.7	11	1935	49.5	89	20	2.61	1.5	12							
913	51.2	100	11	1.71	0.2	9	1936	61.0	100	20	0.80	T	4							
914	55.2	95	16	2.12	1.0	8	1937	56.9	99	19	1.76	T	7							

Data for the period beginning with 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

ble 2

Station	Temperature									Precipitation									
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
EASTERN DIVISION																			
enia	59.4	4.7	85	24	34	10+	184	0	0	1.16	-1.64	.45	31	.0	0		6	0	0
villa State Psrk	57.3		86	23	25	10	247	0	5	.88		.41	18	.0	0		6	0	0
ldhill Dam	60.4		94	23	30	10+		2	2	.84		.27	31	.0	0		4	0	0
rrington	56.5	3.4	85	24	25	10		0	1	.92	-1.57	.40	19	.0	0		5	0	0
valier	58.3	4.7	91	23	32	9+	212	1	2	.39	-1.87			.0	0		5	0	0
perstown	57.5	3.7	85	23+	27	10	236	0	2	.45	-2.08	.45	18	.0	0		1	0	0
vils Lake WB City	56.9	4.3	86	23	30	10	255	0	1	.86	-1.17	.42	18	.0	0		5	0	0
geley Exp Farm	56.7	2.3	85	25	30	10	254	0	1	1.41	-1.15	.76	31	.0	0		8	1	0
more 1 W	55.3	2.1	85	23+	28	10	303	0	3	.80	-1.06	.45	18	.0	0		3	0	0
lendale	58.9	3.6	86	24	33	10	194	0	0	2.18	- .43	1.15	31	.0	0		12	1	1
rgo WS AP //	58.8	3.7	86	24	30	10	204	0	1	1.63	-1.26	.64	30	.0	0		11	1	0
rman	59.5	3.8	85	17	30	9	176	0	2	2.60	- .35	1.00	31	.0	0		6	2	1
lerton	58.5 M	3.7	84	24	31	10	208	0	1	3.44	.45	1.76	14	.0	0		6	2	1
kle	57.4	3.1	84	24	31	10	239	0	1	1.43	-1.15	.45	30	.0	0		5	0	0
fton State School	58.8 M	4.7	87	23	30	10	200	0		.68	-1.34	.49	18	.0	0		5	0	0
nd Forks CAA AP //	57.6	3.4	87	23	26	10	233	0	1	.25	-2.25	.09	18	.0	0		4	0	0
nd Forks Univ.	58.6	4.4	89	24	28	10	209	0	1	.16	-2.34	.07	18	.0	0		5	0	0
nd Rapids	58.3		86	24	30	10	217	0	1	2.32		.85	31	.0	0		8	2	0
kinson R R	60.0 M	2.0	87	25	35	10		0	0	1.77	-1.09	.50	31	.0	0		11	1	0
nah	55.2 M	3.6			25	10	308	0	5	.17	-1.94	.10	17	.0	0		3	0	0
lsboro	57.7	2.9	85	23+	30	10	226	0	1	.23	-2.72	.15	18	.0	0		4	0	0
estown CAA AP //	56.8	2.7	84	23+	26	10	258	0	2	1.54	-1.23	.83	18	.0	0		7	1	0
estown State Hosp.	58.3	4.2	87	23	30	10	213	0	2	1.89	- .88	.74	18	.0	0		6	2	0
sal Wildlife	56.9		86	24	25	10	252	0	3	.76		.58	18	.0	0		4	1	0
gdon Exp Farm	55.7	3.9	86	23	25	10	289	0	8	.43	-1.56	.33	13	.0	0		2	0	0
imore	58.2	4.8	87	23	30	10	216	0	1	.50	-2.23	.36	18	.0	0		4	0	0
bon	58.4 M	3.6	83	24+	27	10+		0	3					.0	0				
ville	58.1	2.7	86	23	28	10	222	0	3	.44	-2.28	.13	18	T	0		6	0	0
Henry 5 N	56.1	3.4	84	23	27	10	276	0	1	.92	-1.39	.47	18	.0	0		6	0	0
Leod 3 E	59.3	3.5	84	23	29	10	191	0	2	2.35	- .66	1.26	31	.0	0		11	1	1

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Table 2—Continued

Station	Temperature									Precipitation								
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
Munich 4 SW	56.0		87	23	28	10	277	0	4	.35		.15	18+	.0	0		3	0	0
Oakes	57.5	1.9	82	24+	30	10		0	2	1.92	- .79	.88	31	.0	0		8	1	0
Park River	58.7	5.1	87	23+	29	10	210	0	1	.12	-1.82	.10	18	.0	0		2	0	0
Pembina CAA AP 2 N //	56.1	2.9	89	23	27	9		0	1	.64	-1.55	.28	19+	.0	0		4	0	0
Petersburg	58.1		86	24	29	10	224	0	1	.36	-2.08	.27	18	.0	0		3	0	0
Sharon	57.3	3.2	83	24	31	10	240	0	1	.45	-2.29	.32	18	T	0		3	0	0
Valley City	59.6	5.0	85	23+	27	11	175	0	1	1.05	-1.73	.46	30	.0	0		8	0	0
Wahpeton State School	60.0	3.7	85	24	29	10	165	0	1	1.94	- .76	.66	18	.0	0		10	1	0
DIVISION	57.9	3.6								1.09	-1.40			T					
MIDDLE DIVISION																			
Ashley //	55.6 M	1.4	83	25	29	10	285	0	1	2.02	- .38	.73	30	.0	0		7	1	0
Belcourt Indian Res.	54.0		85	23	21	10	340	0	7	.23		.13	2	.0	0		2	0	0
Bisbee	55.9 M	3.2	89	23	26	10	278	0	2	.52	-1.63	.25	2	.0	0		3	0	0
Bismarck WB City	57.7	2.9	87	24	32	10		0	1	1.42	- .81	.41	31	.0	0		11	0	0
Bismarck WB AP	56.8	3.8	88	23	30	11	257	0	2	1.21	-1.11	.39	30	.0	0		8	0	0
Bottineau	54.9	2.6	89	24	31	10+		0	2	.82	-1.23	.72	2	.0	0		5	1	0
Butte	58.5	3.7	87	23	29	10	211	0	1	1.62	- .86	1.07	1	.0	0		5	1	1
Carson 2 SW	56.1	1.6	88	23	26	10	278	0	3	1.97	- .43	.93	30	.0	0		9	1	0
Center			87	14				0		1.82	- .45	1.25	13	T	0		4	1	1
Drake	59.0 M	4.3	91	25	34	10		1	0	.83	-1.25	.45	2	.0	0		4	0	0
Dunseith St. Sanitarium	54.6	1.8	88	23	29	12	319	0	4	.28	-1.59	.19	2	.0	0		3	0	0
Eckman	53.1 M	.5	88	23	30	9		0	2					.0	0				
Fessenden	56.1	2.8	87	23	28	10	275	0	1	.66	-1.62	.43	18	.0	0		3	0	0
Fort Yates	57.4	.7	84	23	27	7	229	0	3	2.64	.48	1.03	13	.0	0		9	1	0
Foxholm Wildlife	57.0	2.8	91	23	30	10	259	2	1	.80	-1.23	.31	2	.0			6	0	
Garrison	55.7	2.1	88	23	32	10	290	0	1	1.29	-1.04	.52	31	.0	0		4	1	0
Granville	55.6 M	2.7	84	23	28	10+	294	0	4	1.65	- .38	1.20	1	.0	0		5	1	0
Hansboro	54.3 M	2.8	88	23	25	10	341	0		.17	-1.93	.08	2	.0	0		3	0	0
Leeds	57.4		89	23	26	10	241	0	1	.59		.31	18	.0	0		4	0	0
Linton	57.8	2.1	85	23+	28	11	223	0	3	2.28	- .01	.56	18	.0			7	1	
Maddock Agr, School	56.4	2.6	87	23	28	10	266	0	2	1.11	- .94	.43	18	.0	0		7	0	0
Mandan Exp. Sta.	56.9	1.8	87	24	29	10		0	2	1.69	- .57	.33	13	T	0		10	0	0
Mandan Ft. Lincoln Park	58.1		89	23	30	10	217	0	1	1.31		.45	30	.0	0		8	0	0
Max	55.0	.9	88	23	35	10+		0	0	1.41	- .79	.61	1	.0	0		6	1	0
Mc Clusky	57.8 M	3.8	90	23	33	10	224	1	0	1.94	- .52	1.23	1	.0	0		7	1	1
Minot CAA AP //	56.4	3.3	88	23	31	10	270	0	1	.87	-1.29	.47	1	T	0		7	0	0
Minot Exp Farm	57.1		88	23	30	10	250	0	1	.95		.44	1	.0	0		7	0	0
Mohall	55.8	2.7	88	23	34	6+	287	0	0	1.27	- .71	.50	1	T	0		7	1	0
Napoleon 1 SE	56.6	3.4	85	24	30	10	260	0	2	1.75	- .69	.50	18	.0	0		8	1	0
New Salem 1 S	56.4	3.0	86	23	31	10	273	0	3	1.34	-1.06	.61	13	T			8	1	
Pettibone	56.7	3.5	83	23	31	10	258	0	1	1.06	-1.20	.51	18	.0	0		6	1	
Riverdale	56.5		88	23	32	10	267	0	1	1.01		.41	1	.0	0	1	7	0	
Rolla	56.3 M	4.3	88	23			261	0	3	.33	-1.79	.20	2	.0	0		4	0	
Rugby	58.1		90	23	32	10	225	1	1	.49	-1.48	.24	2	.0	0		5	0	
Steele	56.7	2.7	85	23	29	10	256	0	1	1.74	- .78	.66	1+	.0			6	2	
Towner	57.2	2.9	90	23	28	10	251	1	1	.07	-2.14	.05	28	.0	0		2	0	
Turtle Lake	56.4	2.5	86	23	31	11	266	0	2	1.32	- .85	.56	1	T	0	13	8	1	
Underwood 12 W	56.0 M	- .3	89	23	30	10+	293	0	5	.79	-1.33	.35	1	T	0		4	0	
Upham 3 N	57.3		90	23	29	10	243	1	3	1.44		.99	2	.0	0		7	1	
Velva	57.5		88	23	29	10	249	0	1	1.73	- .45	.92	1	.0			6	1	
Washburn	57.5	2.2	87	23	32	10	238	0	1	1.21	- .96	.38	13	T	0		6	0	
Westhope	56.9	3.8	91	23	33	10	255	1	0	1.92	.04	1.70	1	.0	0		4	1	
Willow City	55.9	3.7	90	23	26	10	281	1	4	.79	-1.12	.56	1	.0	0		3	1	
Wilton R R Station	54.8 M	.9	85	24	32	10		0	1	1.44	- .95	.53	13	.0	0		6	1	
Wishek	56.4	3.2	82	24	25	11		0	4	1.82	- .59	.87	31	.0			9	1	
DIVISION	56.5	2.7								1.22	- .94			T					
WESTERN DIVISION																			
Almont 7 5W	56.2		88	23	28	10	270	0	1	1.04		.35	30	.0	0		9	0	
Amidon	54.7	1.2	89	29	28	6		0	1	1.60	- .74	.50	19+	.0	0		5	2	
Beach	54.2	1.2	90	24	28	6		1	3	1.42	- .84	.63	1	.0	0		6	1	
Belfield	55.2	2.1	91	23	26	10	311	1	4	2.64	.29	.58	1	T	0		10	1	
Bowbells	55.3	2.9	90	24	30	10		1	3	1.07	-1.21	.69	3	.0	0		6	1	
Bowbells 5 E	54.6		88	24	31	21		0	3	.80		.45	2	.0	0		4	0	
Bowman Court House //	54.8	1.2	85	23	32	6+	319	0	2	2.50	.18	.67	2	.0	0		8	2	
Crosby	55.5	3.2	92	24	30	16		1	1	.29	-1.68	.16	1	T	0		4	0	
Dickinson CAA AP	54.0	1.3	87	28	29	6	340	0	3	1.51	- .82	.48	18	.0	0		8	0	
Dickinson Exp Station	54.7	2.0	89	29	28	6		0	5	1.58	- .75	.41	31	.0	0		9	0	
Dunn Center					23	10			8	.64	-1.70	.26	31	.0	0		6	0	
Elbowoods	58.9 M	4.3	91	23	33	30	207	1	0	.89	-1.30	.40	31	.0	0		3	0	
Epping	56.4	1.4	93	23	30	6	282	1	2	.22	-1.92	.15	1	.0	0		2	0	
Grenora	56.3 M	4.1	91	23			270	1		.00	-2.22	.00		.0	0		0	0	
Hettinger	56.5	2.0	85	23+	29	7	259	0	1	1.79	- .49	.79	30	2.0	2	31	7	1	
Kenmare	56.3	2.4	91	24	32	6+		1	2	.94	-1.04	.42	2	.0	0		5	0	
Lostwood 12 N			87	23				0		.73		.42	2	T	0		6	0	
Marmarth	55.6 M	2.0			28	6+	302		5	1.44	- .85	.47	31	T	0		8	0	
Medora T R N M P	55.1		91	23	24	6+	323	1	8	1.35		.41	31	.0	0		7	0	
Mott	54.1	- .5	85	23	24	10	337	0	5	1.74	- .52	.69	30	.0	0		6	1	
New England	54.3	1.1	87	23	28	7+	332	0	4	1.50	- .67	.40	2	T	0		8	0	
Parshall	54.3	.3	89	23	26	6+	334	0	8	1.45	- .72	.74	28	T	0		9	1	
Portal	55.8	3.7	90	24	32	10		1	1	1.36	- .71	.51	2	.0	0		6	1	
Powers Lake 1 N	55.1	1.6	90	23	29	10	318	1	5	.37	-1.78	.27	2	T	0		2	0	
Richardton Abbey	56.6	2.7	88	23	35	6	270	0	0	1.30	-1.16	.63	13	T	0		8	1	
Sanish	55.1	- .1	92	24	24	10		1	7	.83	-1.12	.31	19	.0	0		6	0	
Stanley	54.2 M		90	23	29	10	340	1	2	.61	-1.58	.38	1	.0	0		5	0	
Van Hook	56.3		91	23	29	6	282	1	3	.52		.15	28	.0	0		7	0	
Watford City	56.1	1.6	92	23	27	6+	286	1	3	1.38	- .61	.55	28	.0	0		7	1	
Williston WB City	56.4	2.4	92	23	31	6	278	1	1	.54	-1.52	.27	1	.0			5	0	
DIVISION	55.5	2.0								1.14	-1.01			.1					
STATE	56.6	2.7								1.15	-1.11			T					

See reference notes following Station Index.

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MS 7 S		.38	.20										T					.28						.10				.08		T		.47
XANDER R R STA		.19	.11		T			.04					.04						.07						.07			.08		.35	.09	1.04
ONT 7 SW		.08	T					.03					.18		.15	T			.25					T				T		.38	.44	1.36
HA 1 S																		.10						.01	.05					.40	.45	1.18
NIA		.30	.15						T				.15						.50						T					T	.50	1.80
DON	R	.14									.10	.10	.05					.50						.28	.07	T			.05		.04	1.88
LER	R	1.01	.04										.89	.01					.03						.13			.05	.73	.44	2.02
ILLA STATE PARK																		.41							.11			.07	.58	.41	1.88
LEY		.26			T								.13					.28							.13			.05		.27	.84
LEY	R//	.30											.13					.30							.11						.21	1.85
DBILL DAM			.12		T									T				.25	.20							T		.06		T	T	1.20
FOUR	R	1.23											.15																			
TRY		1.00	.20					T																						.03	.37	1.42
CH		.63	.09										.20	T											T	.10				.32	.43	1.23
CH	R	.15										.04	.18												.11							
COURT INDIAN RE		T	.13																					T				T	.10		.23	
COURT INDIAN RE	R	.27																.03										.11			.41	
FIELD		.58	.46					.04					.13	T			.08	.42	.03					.14	T					.29	.49	2.64
TROLD		.56											1.19					.06										.47			.01	2.28
LAR		.21	.03										.07												.07			.10		.06	.18	.72
LAR	R	.24											.10												.06			.11		.05	.17	.73
SEE			.25															.16						T				T	.11			.52
MARCK WB CITY		T	.32	.03	.06	.03							.33	.06				.01	.07						T	.05			.05		.41	1.42
MARCK WB AIRPORT	R	.29		T		.04							.26					.09						T	.05			.07	.05	.39	.02	1.21
TINEAU		.01	.72											.01					.03										.05			.82
BELLS			.21	.69									.01	.06					.05								T		.05			1.07
BELLS 5E		.23	.45	T										.08					.04							T			T			.80
MAN COURT HOOSE		.62	.67					.01	.04				.25															.17		.40	.34	2.50
MAN COURT HOUSE	R//	.84										.14	.02															*	*	.55	.40	1.75
MAN 11 SE		.11	T					.02					.36				T											.28		.50	.19	1.47
MAN 30 NNW													.19					.04												*	.90	1.13
IEN	R	.38		.65									.18					.06							.01	.02				.72	.08	2.10
T 16N			.12		.05								.45					.07							.10					.44	.18	1.41
TE		1.07			T								.09													.03		.17			.28	1.62
CO	R	.11																.24										*	.17		-	-	
RINGTON		.25	.22		T														.40							.01			.04			.92	
SON	R	.25			.05							.10	.13					.20	.02									.25		.90	.09	1.98
SON 2 S W		.20			.02	.05							.15						.18						.03			.35		.93	.06	1.97
ALIER																		*	.20						.12	.02		T		.05		.39	
TER		.27											1.25															.05			.25	1.82	
GATE																		.30										.05				.35	
UMBUS		.05	.27											.05				.07										.06	T			.50	
PERSTOWN																		.45							T			T	T	T		.45	
RTENAY		.14			.01													.40						T	.42				T	.07		1.04	
SBY		.16	T																.03							.07			.03			.29	
SDY	R	.15																.04							.05			.03				.27	
SON	R	.37																.63								.05		.05		.25		1.35	
ILS LAKE WB CITY	R	.18			T								T					.42						T	.05	T		.13			.08	.86	
KINSON CAA		.10	T		.01			T				.10	.05					.48						T	.06					.44	.27	1.51	
KINSON CAA	R	.07	.03									.20	.05					.45							.05					.30	.29	1.44	
KINSON EXP STA			.23	.09		.01			.05				.25					T	.33						T	.18				.03	.41	1.58	
KE			.45	T	T									.22												.02			.14			.83	
N CENTER		.10	.03										.15						.07							.03					.26	.64	
SEITB ST SANITA		T	.19																									.02	.07			.28	
MAN		-	-										.05					.10										.05				-	
ELEY EXP FARM		.11	.16		.02									.03	T			.23	.02						T	.08		T		T	.76	1.41	
ELEY EXP FARM	R	.20			.02									.02				.24							.07					.50	.60	1.65	
ORE 1 W		T	T		T													.45						T	.11	T		T	.24		T	.80	
OWOODS													.27					T										T		.22	.40	.88	
IN 5S		T	.07	T		T							T					T	.15					T	T			.62		.90	.12	1.86	
ENDALE		.07		.02		.01	T						.04	.05	T			.35	.04				.01	T	.02			T	.02	.40	1.15	2.18	
ING		.15	T																									.07		T	T	.22	
OND	R	.08											.06					.09										.10			.09	.42	
RFIELD 8 N		.24	.08										.27				T	.08							.05					.38	.42	1.52	
GO WB AIRPORT	R//	.17			.04								T	.09	.08			.08	.03					.01	.03	T		.02	T	.64	.44	1.63	
SENDEN		.20			.03													.43						T								.66	
SHER		.08	.32	.14		.05							.24	.26					.02										.08	.20	.66	2.05	
STON			.60	.27									.02	.01					.02						.16			.01	.12			1.21	
BES 13NW		.30		T	T								T		.09			.21	T						.07			.07		.57	.55	1.86	
MAN		.02											.28				.09	.76							T					.45	1.00	2.60	
T YATES		.21	.02	T		T							1.03	.28				.31		T				.05		T			.05	.35	.34	2.64	
T YATES	R	.24											1.31					.30						.05	.12			.09	.01	.35	.36	2.83	
ROLM WILDLIFE R		.24	.31	T											.11				.06						T			.05			.03	.80	
BURG	R	.39	.01						.04			.20	.08					.54							.15					.26	.41	2.08	
LERTON		T		.05	T								T	1.76	.18			.32						T	T			T	T	.48	.65	3.44	
KLE		.43			.02													.33						T	T			T		.45	.20	1.43	
RISON		.44											.02					T						T	T	T		.31		T	.52	1.29	
OSTONE 22N	R											.10	.10															.04		.19	.40	.83	
N ULLIN	R	.05						.04					.07												.04					.20	.17	.57	
N ULLIN 13N		.28		.06									.09												.12			.09		.11	.21	.96	
DEN VALLEY 10S		T	-										-												T			-		.13	.25	-	
VA 13E	R											.15	.15					.15							.09			*		.50	1.04	
FTON STATE SCBOOL		T	.08										.05					.49						.03	T			T	.03	T	.68	
ND FORKS CAA		.08			.01						T		T	T				.09	T					T				.07	T		T	.25	
ND FORKS CAA	R//	.07																.07										.07				.21	
ND FORKS UNIV			.02										.01	T				.07	T					T	T			.05	T		.01	.16	
ND RAPIDS 1N		.07			.06								.02		.03	T		.56							.28					.45	.85	2.32	
NO	R//	.52											.65					.02							.05			.10				1.34	
NVILLE		1.20	.02										.24															.14			.05	1.65	
SSY BUTTE	R	.17	.04						.04			.04	.22												.05					.45	.47	1.48	
SSY BUTTE 10N			.15										.20												.07					.33	.30	1.05	
NORA																																.00	
EY	R	.08	.03									.64	.01												.04					.62	.15	1.57	
LIDAY													.32					.05										.06		.20	.52	1.15	
LIOAY	R												.36					.05										.06		.27	.50	1.24	
KINSON R R STA		.01		.18	.04	.05								.15	.05			.15	.04						.25					.35	.50	1.77	
NAFORD	R	.07												-	-	-		-		-	-	-	-	-	-	-		-	-	-	-	-	
NAH		T				.02											.10								.05			-		.13	.25	-	
SBORO		.02	.08																					T				T	.07			.17	
VEY WATER WORKS		.31			.05									.10				.15						.01				.17		.24	1.03	
NES 6NE	R	.10	-	-	-	-	-	-	-	-	-	-	-	-	-			.90										.07		.77	.09	-	
ELTON R R STATION	R//	-	-	-	-	-						.26	.27					.59		.02					.14			.03		.54	.12	-	
TINGER		.12										.26							.36	.06						.02				.79	.18	1.79	
TINGER 17 N	R	.05										.11	.30					.30												.43	.25	1.44	
LSBORO			.04		.01									T				.15						T	.03			T	T	T		.23	
DSFIELD	R	.55											.17					.16							.04			.19			.04	1.15	
ESTOWN CAA		.19			.01								T					.83	.01					T	T	T		.08		.39	.03	1.54	
STOWN CAA	R//	.16			.01													.85	.01									.09		.38	.03	1.53	
ESTOWN STATE BOSP		.41			T													.74	T					T	.02				.16	.50	.06	1.89	
ME		.15	.37										.08					.33										.08	T	0.24	T	1.25	
MARE		.05	.42											.04					.08										.35			.94	
MARE	R	.38	.04										.07					.08										.35				.92	
SAL WILDLIFE RE			.09		T													.58							.04					.05		.76	
LDEER 8NW		.22	.28										T													.06					T	.41	.97	
MER S 88	R	.68																										.12				.80	
M		.17			T													.23							.15					.55	.62	1.72	
GDON EXP FARM																		.33											.10			.43	
SFORD		.87	T		.02								.12	T					.03						.08				.14			1.26	
MORE																		.36	.04					T	.03				T		.07	.50	
OS		T																.31						.01				.24			.03	.59	
OR 10E		.22			T								.41					.01	T						.01			T		.47	.23	1.35	
TON		.23											.32					.56							.34				.11	.40	.32	2.28	
BON		-		-										.11	.44			.07	.11						.32	.03					.71	-	
CHVILLE		.05			.01								T	.07				.26							.03				.06	.60	.80	1.88	
TWOOD 12N		.03	.42	T										.01	T				.09						.04			T	.14			.73	
DOCK AGR SCBOOL		.20			.03									.07				.43										.07	.12	.19		1.11	
DAN EXP STATION			.32	.06	.19	.03							.33	.21				T	.03							.13			.12		.27	1.69	
DAN EXP STATION	R	.30		.25		.03							.52					.07							.16			.13		.29	.03	1.78	
DAN FT LINCOLN		.21		.02									.24	.20											.12		.02			.45	.05	1.31	
MARTH		.10	.05										.30				T	.10						T	.06			.10		.26	.47	1.44	
MARTH M D U CO	R	.21										.30						.04							.03			.07		.43	.52	1.60	
TIN		.50												T												.30					.15	.95	
		.61											.18						.02						.14				.22		.24	1.41	
VILLE		.09	T						T					.02				.13							.11	.01		T	.08		T	.44	
CLUSKY		1.23											.24	.06										.02	.01				.24		.14	1.94	
GREGOR RR STATION	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			.05			.23				-	
HENRY 5 N		.07	.04		T								T					.47							.09				.22		.03	.92	
LEOD 3 E		.05		.07		T								.16	.27			.16	.06					.10		.04	T	T	.02	.14	.28	2.35	
VILLE																		.25							.02				.10		.02	.39	
INA 1 W		.53				T												.46							T			.03	.04	.45	.04	1.55	

See reference notes following Station Index

Table 3—Continued

DAILY PRECIPITATION

Station		Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MEDORA T R N M P		.30	.17						.02					.10				T	T							.20					.15	.41	1.
MELVILLE	R	.50																	.33										.03				.
MINOT CAA		.47				.02			T					.01					.01						T	.02	T		.31			.03	.
MINOT EXP FARM		.44	.06	T		.02									.03					.08						T				.24		.10	.
MOFFIT RR STATION		T	.41				.05								.43				.06	.25										T	.07	.42	1.
MOHALL		.50	.20											.14	.08				.01			T				.12			.22				1.
MONTPELIER		.39	.25			.04									.22				.52	.07						T	.02			T		.74	2.
MOTT		T				T		T	T					.05					.49						T	.04			.26		.89	.21	1.
MOTT	R													.05					.47							.04			.30		.85	.10	1.
MUNICH 4 SW		T	.05											T					.15										T	.15		T	.
NAPOLEON 1 SE		.46				.02								.02					.50							.06				.05	.49	.15	1.
NAPOLEON 1 SE	R	.39				.02								.02					.45							.05			.04		.47	.11	1.
NEW ENGLAND			.40	.05					.03					.29	T										.09				.14		.28	.22	1.
NEW ROCKFORD 7WNW		.03	.17											T					.34						T	.01			.10	.24		.12	1.
NEW SALEM 1 S			.25	.13	.03	.01								.61					T	T					T	T			.07		.17	.07	1.
NOONAN																																	.
NORTHGATE	R	.78	.25											.18	.02				.03										.31				1.
NORTONVILLE		.42				.02													.40												.57	.77	2.
OAKES			.46	.05		.09									.11	T			.11	.17							.05					.88	1.
OAKES	R			.05										.12					.09	.13						.04					.64	.84	1.
PARK RIVER		T	T											T					.10							T	T			.02		T	.
PARSHALL		.23	.08											.08	.08			.02		.08									.74		.03	.11	1.
PEMBINA 2N			.06									T								.28						.28				.02			.
PEMBINA 2N	R	.05																	.26						.27					.02			.
PETERSBURG																			.27											.06		.03	.
PETTIBONE		.34				T													.51										.04	.03	.07	.07	1.
PETTIBONE	R	.36																	.54										.08		.08	.02	1.
PINGREE		.07	.30																.55						T	T		T		.05			.
PORTAL		.36	.51											.02	T					.03							.06			.38			1.
POWERS LAKE 1N		T	.27											T	T				.10						T	T					T	.
PRETTY ROCK		.11	.22	.08					.03				T							.32		T					.05			.38		.65	.18	2.
RAUB	R//	.25												.23					.04										.09		.06	.28	.
REEDER			.10						T					.35				.37		.18										.07	.22	.31	1.
REEDER 14N		.47	.09							T				.37	.01				.01	.19							.04			.04	.30	.19	1.
RICHARDTON ABBEY		.05	.04			T			.01					.63					T	.03					T	.03			T		.28	.25	1.
RICHARDTON ABBEY	R	.05							.02				.15	.48					.04							.03					.27	.27	1.
RIVERDALE		.41				T								.03	.05	T			.02							.03			.10		T	.37	1.
RIVEROALE	R	.41												.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			.38	-
ROLETTE	R	.27																											.15				.
ROLLA		.03	.20												.01										T				T	.09	T		.
RUGBY		.05	.24																										.05	.07	.08	T	.
RYDER			.50											.10		.25			.10	T					T					.40		.25	1.
RYDER	R	.50												.38	.02				.06							.03			.40			.25	1.
SANISH		.10	.09											.05						.31										.28		.02	.
SARLES	R//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.32												.02		-
SCRANTON		.19							.01					.38				.01		.01			T			T			.02		.66	.20	1.
SELFRIDGE 11W		.37		.05		.02								.38					.05	.21							T		.30		.49	.23	2.
SHARON													T						.32							T	.05		T	.08	T	T	.
SHERWOOD		.24	.50												.10					T			T			T			T	.23			1.
SHEYENNE	R	.34																	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHIELDS		.19		.79		.04								.18					.04										.05		.71	.09	2.
STANLEY		.38												.02					.11							T			.04		T	.06	.
STANLEY	R	.52	.03											.05					.12										.04			.03	.
STEELE		.66				.04									T				.68							.08					.24	.08	1.
SYKESTON		.13		T	T				T					T					.53		T				T				T	T		T	.
TAGUS		.40				T								.45	.20			T		.14					T	.05			.04			.01	1.
TIOGA		.17																	.50										.12				.
TOLLEY 4NE		.42	.15												.15					.02										.50			1.
TOWNER																									T	T			.05		.02		.
TROTTERS		.05											T		T			.02							T	.02			T		.75	.35	1.
TROTTERS 3S	R	.04											.01	.05												.04			.04		.23	.28	.
TURTLE LAKE		.58	.02	.03										.30	.13										T	.01				.13	T	.14	1.
TUTTLE 8 SW		.78												.26					.48							.19					.05	.03	1.
UNDERWOOD 12 W		.35	T	T		T		T	T				T	.17					T	T					T	T	T	T	.15	T	T	.12	.
UPHAM 3N		.22	.99			T								.05						.02						.03			.03	.10			1.
VALLEY CITY			.05			.02									.01				.09	.01						T			.03		.46	.38	1.
VAN HOOK		T	.10											.04						.09						.01			.15		.01	.12	.
VELVA		.92	.05			.01								.22											T	T			T	.30		.23	1.
VERONA		.08	.10			.04									.05	.45										.18	.08					.80	1.
WAHPETON POWER PLANT	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.05					.23	.48	.
WAHPETON STATE SCHOOL				.30		.03									.18				.66	.04					.05	.15	.04				.05	.44	1.
WASHBURN		.32				.04								.38	.09											T				.24	T	.14	1.
WASHBURN WATER WKS	R	.32	.02											.48												.05			.19		.03	.12	1.
WATAUGA S OAK 8N		.27	.18			.03								.05						.18					T				.30		.74	.12	1.
WATFORD CITY		.21	.13											.08					.02										.55		.13	.26	1.
WATFORD CITY 11E	R	-	-	-										.13					.26							.04			.14		.16	.38	-
WESTHOPE		1.70	T												.08					.05						.09							1.
WILDROSE		.23	.10																1.61											.09			2.
WILLISTON WB CITY	R	.27			T					T				.02		T			T	T		T			T	T	T		.16		.03	.06	.
WILLOW CITY		.56																							T	T	.02		.21				.
WILTON RR STATION			.41			.06								.53	.34												.01			T		.09	1.
WISHEK		.04	.38			.10								.06	T	T			.17	.09							.09			.02	T	.87	1.
ZAHL		.28	.03										.02									.03				T			.01		T	.

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
														—1st—											
IDON										.02					.01	.01					.04	.01	.05			.14
TLER																		.10	.40	.38	.09	.01	.01	.01	.03	1.01
HLEY	//	.01	.01								.01	01		.01	.05	.05	.07	.06		.02						.30
LFOUR																	05	.55	.30	.33						1.23
AC8		.01	01		.01												.06	.03			.02	.01				.15
LCOURT INDIAN RES																					.22	.03	.01	.01		.27
JLA8																.03	.13	.04				.04				.24
SMARCK WB AIRPORT																.02	.13	.10	.02		.02					.29
MAN COURT 80U5E	//																		.04	.01	.13	.30	.15	.01		.64
IEN															.05	.18	.10			.04	.01					.38
IDO						*	*	*	*	*	*	*	*	.11												.11
ISON															.01	.05	.03	.05		.09	.01		.01			.25
05BY		.10	.05																							.15
/SON																	.15	.22								.37
VILS LAKE W8 CITY																					.17	.01				.18
CKIN5ON CAA				.01																				.03	.03	.07
BELEY EXP FARM		.01							.02								.02	.15								.20
MOND		.01																	.03	.03		.01				.08
GO W8 AIRPORT	//																					.17				.17
T YATE5						.01	.01	.01	.01	.01						.01	.14	.02			.02					.24
BURG																					.20	.15	.03	.01		.39
N ULLIN															.02						.03					.05
ND FORKS CAA	//																			.07						.07
NO	//																	.20	.10	.18	.04					.52
5SY 8UTTE		.02	.02	.01																.03	.08			.01		.17
EY																				.03		.02	.02		.01	.08
NAFORD																				.01	.06					.07
NE5 6 NE																					.09	.01				.10
ELTON R R 5TATION	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TINGER 17N																						.01	.04			.05
DSFIELD																	.04	.10	.39	.01		.01				.55
E5TOWN CAA	//																		.15	.01						.18
MARE																			.01	.11	.22	.04				.38
MER 5 5E																	.04	.11	.07	.45	.01					.68
DAN EXP STATION															.05	.10	.05				.10					.30
MARTH M D U CO																.07	.04			.03	.02		.05			.21
GREGOR RR 5TATION		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VILLE																										
OT CAA	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.12	.38						.50
OLSON 1 SE																										
THGATE		.03													.08	.06	.10	.15								.39
BINA																		.05	.12	.18	.15	.03	.01	.15	.06	.78
TI8ONE																								.01	.04	.05
B	//															.03	.06	.17	.10							.36
HARDTON AB8EY		.01	.01															.06	.12	.02				.05		.25
SRDALE																							.02		.01	.05
ETTE																*	*	*	.41							.41
ER																					.27					.27
LE5 3 E	//	-	-	-	-	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*	*	*	*	.60	.50
ENNE														-	-	-	-	-	-	-	-	-	-	-	-	-
VLEY																		.03		.25	.06					.34
TTER5 35																			.12	.08	.01			.21	.10	.52
PETON POWER PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.02	.01	.01			.04
BURN WATER WKS												.01		.01		.07	.11	.07	.03			.01	.01			.32
LISTON W8 CITY																							.03	.23	.01	.27
														—2d—											
LER		.03	.01																							
KIN5ON CAA		.01	.01	.01																						.04
URG		.01																								.03
5Y 8UTTE		.01	.01	.01	.01																					.01
Y				.01					.01	.01																.04
ES 6 NE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.03
ARE				.02	.01		.01																			-
HGATE		.22	.02	.01																						.04
LEY		.03																								.25
BURN WATER WKS									.02																	.03
																										.02
														—3d—											
EN		.01	.17	.06	.18	.11	.05	.04	.01		.02															
AN EXP STATION			.01	.04										.18	.01			.01								.65
S											.03		.01	.01												.25
ORD CITY 11E		-	-	-	-	-	-	-	-	-	-	-	-	-												.05
														—5th—											
ARCK WB AIRPORT																										
ON									.03	.01																.04
LEY EXP FARM											.04	.01														.05
O W8 AIRPORT	//			.02	.02							.01	.01													.02
LTON R R 5TATION	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							.04
5TOWN CAA	//						.01																			-
AN EXP 5TATION								.01	.02																	.01
LEON 1 SE									.01	.01																.03
																										.02
														—8th—											
URG														.01	.02	.01										.04
ULLIN																.04										.04
SY 8UTTE																			.01	.02	.01					.04
ARDTON ABBEY														.01	.01											.02
														—12th—											
ON																										
E																								.10	.10	
AN COURT 80U5E	//																							.04	.04	
ON																					.01		.10	.03	.14	
INSON CAA																								.10	.10	
URG																								.20	.20	
STONE 22N																								.20	.20	
A 1 5 E																							.01	.09	.10	
BY BUTTE																								.15	.15	
Y																								.04	.04	
LTON R R STATION	//																				.04	.02	.08	.11	.39	.64
INGER 17N																	.06	.15	.05							.26
ART8 M D U CO																								.04	.07	.11
ARDTON AB8EY																								.18	.12	.30
TERS 3S																									.15	.15
																									.01	.01

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending											
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
—13th—																									
AMIDON		.05																		*	*	*	*	.82	.07
ANTLER																									
ASHLEY	//			*	*	*	.13																		
HALFOUR		*	*	*	*	*	*	*	*	*	*	*	.15												
BEACB		.16	.01	.01																					
BEULAB		.04	.05	.01																					
BISMARCK WB AIRPORT			.01	.04	.09	.11	.01																		
BOWMAN COURT HOUSE	//	.02																							
BREIEN		.05		.05	.05		.03																		
CARSON		.05	.05																.03						
DICKINSON CAA		.02	.03																				.06		
ESMOND											.01										.25				1
FORT YATES		.01	.01	.01	.45	.27	.30																		
FRYBURG		.07	.01																						
GLADSTONE 22N		.06	.03	.01																					
GLEN ULLIN		.01	.03	.01		.01	.01																		
GOLVA 1 S E		.10	.01	.01					.03										.33	.02	.23	.01	.05	.01	
GRANO	//																								
GRASSY BUTTE		.18	.02			.02																			
HALEY		.01																							
HALLIDAY		.10	.22	.04								-	-	-	-	-	-	-	-	-	-	-	-	-	-
HANNAFORD																					.01				
HAZELTON R R STATION	//								.25	.01															
BETTINGER 17N		.19	.09	.02																		.10	.06	.01	
HURDSFIELD																							.04	.02	
KENMARE						.01													.18						
MANDAN EXP STATION			.10	.12	.11	.01																		.04	.01
MOTT								.01		.01															
NAPOLEON 1 SE																							.08	.10	.02
NORTHGATE																									.12
OAKES																	.22	.01							
RAUB	//																								
RICHARDTON ABBEY		.32	.15	.01																.10		.05			
RIVERDALE						.03														.02	.03	.20			.01
RYDER			.01	.09																					
STANLEY					.05																				
TROTTERS 3S		.03			.01	.01														.24	.07		.01		
WASBBURN WATER WKS					.05	.07		.03	.01																
WATFORD CITY 11E			.12	.01																					
WILLISTON WB CITY				.01	.01																				
—14th—																									
ANTLER		.01																							
EDGELEY EXP FARM		.02																							
FARGO WB AIRPORT	//																				.09				
NORTHGATE		.01	.01																		-	-	-	-	-
RIVERDALE																									
RYDER		.02																							
—15th—																									
FARGO WB AIRPORT	//																.04	.04							
HAYNES 6 NE		-	-	-	-	-	-	-	-																
SARLES 3 E	//	-	-	-	-	-	-	-	-	-	-	-													
—17th—																									
SBEYENNE									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—18th—																									
AMIDON																	.07	.42	.01						
ASBLEY	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.30					
BELCOURT INDIAN RES													.01	.01	.01										
BISMARCK WB AIRPORT										.02	.03	.03	.01												
BREIEN								.01	.04	.01															
CANDO													.02	.07	.06	.05	.03	.01					.10	.09	.01
CARSON																	.01	.01	.02						
CROSBY																									
DAWSON						.02	.03	.10	.15	.10	.10	.05	.08												
DEVILS LAKE WB CITY											.11	.05	.07	.09	.04	.04	.02								
DICKINSON CAA																.05			.28	.12					
EDGELEY EXP FARM				.03	.06	.11	.04																		
ESMOND								.02				.01	.04	.01	.01										
FARGO WB AIRPORT	//	.01	.01	.03	.01	.02																			
FORT YATES									.12	.08	.07	.02	.01												
FRYBURG															.06			.47	.01						
GOLVA 1 S E													.05	.02		.05	.03								
GRAND FORKS CAA	//										.04	.03													
GRANO	//																								
HALLIDAY																	*	*	*	*	.05				
HAYNES 6 NE																					.08	.27	.53	.02	
HAZELTON R R STATION	//								.06	.17	.16	.07	.05	.05	.02	.01				.17	.12		.01		
RETTINGER 17N																									
HURDSFIELD										.01	.03	.04	.01	.04	.03										
JAMESTOWN CAA	//		.01			.06	.08	.30	.11	.02		.06	.13	.07	.01						.07	.01			
KENMARE															.02										
MANDAN EXP STATION										.02	.02	.01			.02										
MARMARTH M D U CO													.02		.01										
MELVILLE									.14	.06	.04	.04	.02	.02											
MOTT																		.30	.01		.14			.01	.01
NAPOLEON 1 SE						.02	.03	.05	.09	.13	.09	.03	.01						.02	.01					
NORTHGATE																									
OAKES		.01	.03	.03	.01			.01						.04	.06	.06	.03	.01	.06						
PEMBINA														.09		.01			.03						
PETTIBONE								.03	.08	.15	.07	.03	.05									.03	.01		
RAUB	//																			.01	.03				
RICHARDTON ABBEY																						.05	.01		
RYDER															.06	.09	.14	.03							
SARLES 3 E	//																			.05	.07				
STANLEY																.05	.15	.05	.01						
WATFORD CITY 11E																									
—19th—																									
CARSON		.01	.01																						
FARGO WB AIRPORT	//	.01			.01	.01																			
JAMESTOWN CAA	//								.01																
OAKES			.03	.07	.03																				
—20th—																									
HAZELTON R R STATION	//																					.02			

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
														—21st—											
GREGOR RR STATION		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								-
														—24th—											
GO W8 AIRPORT	//																		.01							.01
T YATES		.03	.02														.21	.05	.01							.05
BINA																										.27
PETON POWER PLANT		-	-	-	-	-	-	-	-	-	-	-	-													-
														—25th—											
LEY	//													.04	.01	.02	.01	.02		.01						.11
CH							.01	.01	.05			.04														.11
LAH													.06													.06
MARCK WB AIRPORT													.05													.05
IEN																									.01	.01
SBY													.05													.05
ILS LAKE WB CITY														.04	.01											.05
KINSON CAA										.05																.05
ELEY EXP FARM															.05	.02										.07
GO W8 AIRPORT	//																	.03								.03
T YATES		.01	.02	.01									.04					.04								.12
8URG									.12	.03																.15
N ULLIN																			.04							.04
VA 1 S E												.08	.01													.09
NO	//																		.05							.05
SSY 8UTTE							.02		.02	.01																.05
EY										.04																.04
ELTON R R STATION	//													.04		.03			.07							.14
DSFIELD															.01	.02	.01									.04
DAN EXP STATION													.15	.01												.16
MARTH M D U CO												.01	.02													.03
GREGOR RR STATION																.03	.01	.01								.05
T														.03	.01											.04
OLEON 1 SE																				.05						.05
ES															.04											.04
HARDTON ABBEY											.03															.03
SR								.02	.01																	.03
TTERS 3S														.01	.03											.04
PETON POWER PLANT															.05											.05
BURN WATER WKS												.02	.03													.05
FORD CITY 11E																.03	.01									.04
														—26th—											
EN		.02																								.02
ON																						.02	.03			.05
														—28th—											
LER																										
LEY	//																			.11	.01					.12
COUR															.02	.02							.02	.01		.07
COURT INDIAN RES																		.01	.04	.01						.06
AH																					.05	.06				.11
MARCK WB AIRPORT																.01	.01	.09								.11
AN COURT HOUSE	//																				.07					.07
O																	.15	*	*	*	*	*	*	*	*	*
ON																			*	*	*	*	*	*	*	*
8Y																			.25							.25
ON																			.03							.03
LS LAKE WB CITY																					.03	.01		.01		.05
ND																					.11	.02				.13
O W8 AIRPORT	//																			.06	.04					.10
YATES																								.02		.02
STONE 22N																				.05	.03			.01		.09
D FORKS CAA	//																.04									.04
O	//																						.06	.01		.07
IDAY																				.09	.01					.10
ES 6 NE																*	*	*	.06							.06
LTON R R STATION	//																	.07								.07
SFIELD																					.02	.01				.03
STOWN CAA	//																				.01	.17		.01		.19
ARE																						.02	.06	.01		.09
ER 5 SE																		.33	.01	.01						.35
AN EXP STATION															.04					.01	.07					.12
ARTH M D U CO																				.13						.13
REGOR RR STATION																.02	.05									.07
ILLE										.01	.04					.01		.01	.08	.08						.23
																						.01	.02			.03
LEON 1 SE																	.29		.01							.30
HGATE																				.02	.01	.01				.04
IBONE											.02	.02							.21	.06						.31
	//												.01	.04								.02	.01			.08
RDALE																				.09						.09
TTE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-
R																.05					.04	.06				.15
LEY																			.25	.15						.40
TERS 3S																			.01	.02	.01					.04
BURN WATER WKS								.01	.03																	.04
ORD CITY 11E																				.09	.10					.19
ISTON WB CITY																		.13	.01							.14
																		.10	.06							.16
														—29th—											
O		*	*	*	*	*	*	*	.17																	
YATES		.01																								.17
INA																										.01
																					*	*	*	*	.02	.02
														—30th—											
ON																										
EY	//								.01	.09	.05	.10	.04	.05	.01								.01	.01	.03	.11
I															.01	.08	.15	.02	.01							.56
AH							.05	.02	.02		.04	.01	.05	.05	.01	.03	.01		.01	.01	.01					.32
RCK WB AIRPORT										.01					.02	.01	.01									.05
N COURT HOUSE	//	*	*	*	*	*	*	*	*	*	.02	.27	.03			.06	.01									.39
EN											*	*	*	*	*	*	*	.40								.55
ON							.05	.10	.03	.17	.15	.02	.03	.05	.10	.01	.01									.72
ON							.05	.18	.04	.23	.20	.03	.02	.10	.05											.90
NSON CAA												.05	.10				.07	.02		.01						.25
LEY EXP FARM						.01	.03		.01	.03	.01	.01	.02	.08	.03	.02	.02	.02	.01							.30
WB AIRPORT	//												.06	.03	.04	.07	.14	.11	.04		.01					.50
YATES									.05	.01	.02	.09	.03	.01	.04	.08	.02	.10	.08	.26	.03	.04		.02		.64
																										.35

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
FRYBURG									.01	.05	.01	.02	.01	.04	.04	.01		.01	.02	.01	.01	.01		.01		
GLADSTONE 22N									.02	.03	.01		.03	.02	.03	.02	.02	.01								
GLEN ULLIN								.05	.01	.03	.03			.01	.03	.02	.01		.01							
GOLVA 1 S E		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
GRASSY BUTTE					.03	.02	.02	.05	.03	.04	.03	.01	.05	.03	.04	.04	.03	.01	.02							
HALEY					.08	.03	.09	.10	.24	.01			.05	.01	.01											
HALLIDAY									.02	.15			.01		.03	.01	.02	.01	.01		.01					
HAYNES 6 NE						.11	.13	.02	.13	.09	.01	.06	.11	.10		.01										
HAZELTON R R STATION	//								.01	.03		.08	.15	.05	.04	.09	.05	.03	.01							
HETTINGER 17N						.07	.08	.10	.08				.07	.01	.02											
JAMESTOWN CAA	//												.12	.13	.07		.03	.02	.01							
MANDAN EXP STATION												.18	.03			.08										
MARMARTH M D U CO			.01	.01	.03	.05	.01				.03	.11	.05	.02				.01						.08	.02
MOTT							.10	.05	.10	.25	.05			.08	.01	.01										
NAPOLEON 1 SE							.02	.03					.05	.15	.07	.03	.11		.01							
OAKES																	.01	.13	.11	.17	.07	.13	.01	.01		
PETTIBONE													.01	.01	.02		.04							.01		
RAUS	//									.01	.02	.02														
RICHARDTON A8BEY							.01	.02		.02	.02	.02	.03	.03	.02	.03	.02	.03		.01		.01				
SARLES 3 E	//																					.01	.01			
TROTTERS 3S											.03	.05	.02	.02	.03		.03	.01		.01			.02	.01		
WAHPETON POWER PLANT						.01	.04													.01	.07	.05	.05			
WASHBURN WATER WKS																.01	.01	.01								
WATFORD CITY 11E									.01	.03	.02	.03	.01	.01	.01	.01	.01	.01			.01					
WILLISTON WB CITY											.01								.01	.01						
														—31st—												
AMIDON								.12	.07	.03	.05	.01	.01	.01												
ASHLEY	//			.01	.07	.02	.05		.08				.11	.07												
BALFOUR												.04	.02	.08	.06	.01										
BEACH		.01	.01	.01			.05	.09	.02	.01	.04	.08	.04	.04	.03											
BEULAH										.02	.06	.03	.03	.01	.01	.01										
BISMARCK W8 AIRPORT												.02														
BOWMAN COURT HOUSE	//	.02	.02		.01	.03	.02	.10	.07	.04	.01	.03							.01	.02			.01		.01	
BREIEN					.01		.01		.01	.02	.03															
CANDO											—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
CARSON									.03	.02	.01	.01	.01	.01												
DEVILS LAKE W8 CITY														.02	.03	.02	.01									
DICKINSON CAA		.01	.01	.01				.02	.10	.07	.04	.01	.01	.01												
EDGELEY EXP FARM		.01	.02		.04	.05	.09	.07	.08	.03			.04	.14	.01		.02									
ESMOND														.01	.04	.03	.01									
FARGO WB AIRPORT	//								.01	.04	.07	.04	.02			.20	.06									
FORT YATES		.01	.01		.09	.07	.01	.01			.01	.11	.04													
FRYBURG		.01						.12	.09	.04	.07	.05	.01		.01		.01									
GLADSTONE 22N									.05	.14	.01	.12	.05	.02			.01									
GLEN ULLIN									.02	.12	.03															
GOLVA 1 S E		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.50	
GRASSY BUTTE		.01	03	.02				.04	.11	.04	.06	.08	.02	.04	.01		.01									
HALEY		.01	.02			.02		.05	.04	.01																
HALLIDAY									.03	.12	.10	.02	.15	.05		.02	.01									
HANNAFORD		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
HAYNES 6 NE			.01	.01				.01	.04	.02																
HAZELTON R R STATION	//	.01	.01	.03									.07													
HETTINGER 17N							.02		.14	.01	.02	.01	.01		.01			.01	.02							
HURDSFIELD																	.01	.02		.01						
JAMESTOWN CAA	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.03						
MANDAN EXP STATION											.01	.02														
MARMARTH M D U CO		.03	.02		.01	.02	.10	.15	.05	.05	.02	.02		.01									.02	.01	.01	
MINOT CAA	//	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MOTT								.01	.04	.03		.01	.01													
NAPOLEON 1 SE									.01		.01		.06	.02	.01											
OAKES		.01				.02	.12	.04	.03	.07	.03	.03	.01	.23	.20	.01				.01	.03					
PETTIBONE		.01	.01																							
RAUS	//			.01	.01							.07	.02	.07	.04	.03	.01									
RICHARDTON A8BEY		.01	.01					.03	.05	.07	.02	.03	.01	.01	.01		.01	.01								
RIVERDALE											.03	.05	.01	.14	.06	.06	.02	.01								
RYDER											.03	.07	.02	.06	.06	.01										
SHEYENNE		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
STANLEY												.01	.01	.01												
TROTTERS 3S							.02	.09	.01		.05	.05	.05		.01											
WAHPETON POWER PLANT			.01	.01			.02	.10	.02	.02	.08				.02	.10	.02			.02	.04	.02				
WASHBURN WATER WKS											.01	.07	.01				.02	.01								
WATFORD CITY 11E									.02	.10	.04	.04	.09	.05	.02	.02										
WILLISTON WB CITY										.01		.04					.01									

EVAPORATION AND WIND

Table 6

Station			Day of month																													Total
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Dickinson Exp. Sta.	a	EVAP	-	.33	.22	.08	.18	.15	.12	.18	.08	.15	.17	.21	.44	.19	.11	.22	.12	.14	.14	.18	.18	.15	.26	.32	.33	.30	.29	.40	.32	.30	.16	
		WIND	180	105	70	45	65	105	60	100	75	85	50	100	270	25	110	105	90	140	100	120	100	50	110	130	200	200	150	205	245	115	120	
Edgeley Exp. Farm		EVAP	.09	.13	.19	.21	.19	.18	.15	.23	-	.08	.30	.25	.41	-	.15	.29	.26	.15	.07	.21	.12	.09	.28	.35	.28	.16	.27	.29	.24	.27	-	
		WIND	234	156	51	104	115	119	59	40	103	105	46	29	105	201	59	43	109	47	58	18	96	54	57	81	40	72	65	56	83	45	-	
Mandan Exp. Station	a	EVAP	.14	.10	.14	.12	.16	.21	.11	.16	.22	.21	.14	.14	.33	.13	.13	.22	.16	.18	.09	.26	.16	.15	.22	.24	.32	.19	.25	.22	.25	.22	.07	
		WIND	325	126	94	83	137	176	52	67	168	108	28	71	277	121	38	113	48	94	62	119	84	59	90	134	162	172	168	111	238	116	94	
Riverdale		EVAP	.25	.08	.26	.25	.24	.13	.04	.25	.36	.19	.31	.49	.12	.20	.33	.14	.39	.22	.49	.35	.23	.25	.53	.50	.24	.40	.31	.51	.35	.09	.15	
		WIND	304	157	54	96	157	65	70	77	189	73	83	256	279	81	102	72	197	113	159	119	65	84	148	222	199	182	85	307	188	56	120	

a Pan 6 feet in diameter; 24 inches deep; in ground 20 inches.

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
MAY 1951

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LMONT 7SW	MAX	64	64	70	72	59	59	67	70	61	65	73	79	74	78	75	70	78	76	72	72	69	80	88	75	68	70	77	74	88	89	48	70.4
	MIN	51	39	45	42	37	34	33	43	39	28	37	41	52	43	45	37	46	49	49	44	33	44	50	48	44	43	40	44	45	38	39	41.9
MENIA	MAX	78	74	76	64	58	64	75	77	68	77	77	76	76	76	81	70	76	77	78	75	68	80	84	85	72	72	74	77	72	58	53	73.2
	MIN	59	52	48	40	40	35	43	41	42	34	41	40	50	59	48	42	41	58	57	50	42	34	49	51	44	47	45	39	53	47	48	45.8
MIDON	MAX	67	67	58	66	67	53	54	65	61	58	67	71	78	67	72	67	70	76	72	67	68	67	78	86	72	64	72	79	89	81	48	87.9
	MIN	43	36	40	39	39	28	34	37	39	33	43	41	50	39	45	38	48	42	45	45	38	49	52	53	44	35	37	58	41	39	37	41.4
RVILLA STATE PARK	MAX	77	76	76	72	59	65	76	79	65	68	78	74	75	82	80	65	81	71	75	72	69	82	86	85	72	70	73	77	89	67	88	73.7
	MIN	56	51	36	41	37	28	39	43	37	25	30	32	45	58	43	37	32	53	49	43	35	34	48	52	42	42	40	33	50	34	40	40.8
SBLEY	MAX	65	67	70	63	58	60	69	75	62	65	71	75	71	77	80	73	72	69	70	72	65	70	82	81	83	89	71	71	69	58	50	89.5
	MIN	54	41	39	40	35	37	33	38	40	29	34	36	39	52	49	43	40	55	54	42	42		35	52	43	40	34	47	46	41	41	41.7
ALDHILL DAM	MAX	66	76	70	80	78	56	76	84	82	64	82	84	80	80	82	86	78	80	76	78	76	76	94	90	86	76	80	82	80	74	82	77.9
	MIN	54	50	42	42	40	38	34	40	40	30	30	40	50	58	45	40	44	44	42	44	40	40	48	56	40	44	40	40	48	44	46	42.9
EACH	MAX	67	61	57	65	69	55	56	61	63	62	67	72	77	68	71	64	71	76	75	69	69	69	81	90	72	64	67	79	87	62	42	68.0
	MIN	43	38	33	34	36	28	33	38	40	31	36	45	51	39	45	34	45	50	44	40	33	41	52	55	44	39	32	52	39	40	39	40.3
ELCOURT INDIAN RES	MAX	67	67	70	65	58	64	69	74	55	63	71	70	71	75	70	65	77	72	71	66	65	79	85	81	67	67	73	72	66	58	53	68.8
	MIN	53	45	32	41	35	35	38	34	30	21	32	33	49	47	38	35	35	45	48	44	28	31	49	52	37	46	52	46	41	27	38	39.3
ELFIELD	MAX	66	60	58	70	55	61	64	71	64	68	76	78	71	76	68	72	77	76	69	70	66	82	91	78	64	72	78	79	72	62	41	69.5
	MIN	45	50	49	42	35	27	29	32	38	26	38	38	43	38	42	37	46	44	40	38	41	42	61	52	38	35	33	51	62	40	36	40.9
ESBEE	MAX	70	68	72	62	54	65	71	76	58	66	74	72	73	79	75		79	74	75	70	67	81	89	83	71	69	73	74	69	62	57	70.9
	MIN	54	46	37	45	36	39	38	41	31	26	36	33	48	49	46	34	34	49	49	41	33	38	52	54	38	43	36	43	44	33	42	40.9
ESMARCK WB CITY	MAX	69	68	66	69	68	57	61	70	75	61	62	75	77	70	78	75	70	78	70	74	74	69	81	87	77	85	68	75	78	66	49	70.4
	MIN	55	41	47	45	40	42	34	44	41	32	33	41	52	49	44	44	48	52	54	45	41	40	55	55	45	45	40	54	48	43	42	44.9
ESMARCK WS AIRPORT	MAX	71	66	71	70	57	60	70	76	61	65	73	80	71	78	77	70	78	70	76	74	68	80	88	81	67	70	75	80	67	50	50	70.6
	MIN	46	39	47	40	40	42	33	38	38	31	30	39	53	48	44	44	45	51	51	41	40	38	56	51	45	44	36	55	46	40	42	43.0
ETTINEAU	MAX	62	70	61	69	65	57	64	69	70	57	64	75	73	74	75	69	64	78	71	71	57	68	80	89	76	70	68	73	69	61	60	88.7
	MIN	52	45	39	45	40	35	35	39	35	31	33	37	45	45	41	37	42	48	45	54	31	38	49	52	38	40	35	46	42	35	42	41.0
EWBELLS	MAX	65	67	59	67	64	54	61	69	73	57	68	76	75	74	73	63	66	77	76	70	65	70	81	90	70	67	67	71	79	61	58	68.8
	MIN	54	44	37	44	40	32	36	40	36	30	40	37	43	41	43	40	43	56	45	42	31	43	55	57	41	42	35	55	40	33	38	41.7
EWBELLS 5E	MAX	65	66	59	67	62	54	60	67	72	54	65	73	75	72	72	63	64	77	77	70	65	67	79	88	70	65	66	74	78	60	57	67.8
	MIN	54	44	38	43	37	32	36	39	36	32	40	37	44	40	43	40	43	51	46	40	31	41	54	58	39	42	35	54	40	33	38	41.3
EWMAN COURT HOUSE	MAX	63	57	64	67	66	54	64	67	65	62	70	76	72	70	69	70	73	74	71	69	66	78	85	84	69	67	77	86	71	84	41	88.7
	MIN	42	37	41	40	39	32	32	39	40	37	36	41	49	39	42	40	48	47	45	41	40	40	48	53	41	34	35	54	41	37	36	40.8
ETTE	MAX	69	62	69	69	61	61	70	74	69	67	75	77	72	78	75	69	79	75	74	71	68	82	87	85	71	69	74	79	84	64	57	72.1
	MIN	55	44	45	54	38	39	42	44	38	29	43	38	50	51	50	37	46	51	54	47	36	45	58	59	44	47	43	45	45	34	39	44.8
ERRINGTON	MAX	63	70	70	72	63	58	63	70	74	74	65	74	74	73	79	79	78	78	65	73	70	67	79	85	84	83	69	74	73	65	60	71.7
	MIN	54	45	34	38	38	38	38	39	38	25	36	35	41	53	50	36	38	46	54	45	34	38	48	51	46	44	38	40	45	37	38	41.3
ERSON 2 S W	MAX	62	64	70	73	60	59	69	77	63	65	72	80	74	77	76	70	80	78	72	72	68	80	88	78	64	71	80	86	68	58	58	71.4
	MIN	50	38	47	37	36	31	33	42	41	26	29	40	53	44	40	41	47	46	47	40	35	38	48	50	39	39	35	53	41	39	38	40.7
EVÁLIER	MAX	74	74	75	72	63	72	77	79	62	67	74	69	70	82	80	64	82	79	80	76	66	82	91	88	74	70	74	79	71	65	60	73.9
	MIN	56	55	36	41	35	35	42	46	32	32	40	33	35	47	45	38	36	52	48	52	40	37	49	54	51	46	43	40	48	38	39	42.6
NTER	MAX	72	64	66	68	60	68	74	68	70	68	73	78	74	87	72	68	76	72	72	73	68	80	85	78	65	68	67	78	69	68	58	71.2
	MIN																																
OPERSTOWN	MAX	75	72	75	71	58	63	71	76	73	66	75	74	74	78	81	79	78	72	74	72	70	79	85	85	70	69	72	75	69	65	53	72.6
	MIN	54	47	40	43	38	36	37	38	36	27	31	38	48	55	44	37	40	55	52	43	36	39	48	54	42	44	37	42	49	38	43	42.3
OSBY	MAX	67	69	59	68	69	56	63	70	72	57	70	77	79	71	74	61	71	83	78	71	65	71	84	92	69	66	66	78	83	60	57	70.2
	MIN	49	42	40	43	38	33	35	40	37	33	39	37	43	41	45	30	35	54	44	44	34	40	50	56	41	43	36	50	39	35	37	40.7
VILS LAKE WS CITY	MAX	74	66	73	62	54	63	71	74	58	64	75	72	71	79	78	66	78	64	73	68	66	79	86	83	71	69	72	75	64	60	52	69.7
	MIN	54	48	41	44	37	42	41	44	35	30	42	38	51	55	45	37	42	53	53	45	36	43	55	50	48	47	39	46	47	36	41	44.0
CKINSON CAA	MAX	64	60	66	69	55	56	67	63	60	65	72	79	73	73	69	69	76	76	68	70	67	78	86	73	65	68	77	87	64	44	43	67.8
	MIN	45	36	40	37	36	29	31	39	37	30	35	41	47	41	44	39	46	47	45	41	37	43	49	44	42	40	36	49	41	39	36	40.1
CKINSON EXP STATION	MAX	67	66	61	68	70	56	56	67	61	60	65	73	80	72	73	70	70	78	78	68	70	67	78	86	73	65	68	77	87	64	44	43	67.8
	MIN	47	37	38	34	39	28	29	37	37	29	31	43	55	38	43	38	40	46	45	39	34	41	56	57	39	37	32	53	42	40	41	40.1
KE	MAX	71	78	67	72	64	55	63	70	87	67	65	78	89	75	78	78	67	81	69	75	73	67	80	89	91	74	85	80	85	70	58	74.2
	MIN	64	52		52	38	42	40	49	38	34	41	38	43	48	48	38	44	51	52	35	35	44	55	55	40	44	35	38	43	36	42	43.8
N CENTER	MAX																																
	MIN	47	41	37	35	36	25	26	32	37	23	27	32	40	36	39	35	39	43	44	37	28	37	47	55	40	37	29	38	42	36	40	36.8
SEITH ST SANITARIUM	MAX	67	66	71	68	58	64	68	74	60	63	74	73	75	72	72	65	79	76	71	68	66	79	88	84	67	64	73	68	65	60	57	69.5
	MIN	50	43	36	42	35	34	35	35	32	32	34	29	49	48	40	36	39	49	48	46	32	38	49	49	38	42	36	46	37	33	40	39.7
MAN	MAX				57	60	63	70	73	58	61	65	70	68	77	69	62	78	77	70	68	67	80	88	70	70	68	72	75	62	60	50	68.1
	MIN				34	35	39	38	37	30	35	36	39	38	42	38	35		44	35	35	37	41	55	40	38	35	45	42	35	32	35	38.0
ELEY EXP FARM	MAX	67	67	70	73	64	66	60	70	75	62	64	72	71	73	76	81	71	75	71	76	72	71	79	83	85	69	70	74	75	71	51	71.1
	MIN	55	43	39	41	37	37	36	39	40	30	33	34	51	58	48	41	36	54	51	45	40	37	37	46	41	45	38	42	47	46	41	42.2
ORE 1 W	MAX	75	68	73	63	57	65	72	76	58	65	74	70	72	78	77	65	77	68	66	72	65	79	85	85	71	67	73	73	68	62	55	70.1
	MIN	54	48	39	45	35	36	35	38	31	28	34	34	48	53	41	35	36	50	48	42	32	38	49	51	43	43	34	39	44	34	37	40.5
OWOODS	MAX		70	70	71	71	74	70	60	67	75	80	74	77	72	70	80		79		70	71	83	91	75	69	69	80	84	66	67	48	72.6
	MIN		43	54	38	38	46	42	43	34	43	46	44	44	41	44	48		51		44	37	48	58	62	44	44	51	61	42	33	43	45.2
ENDALE	MAX	69	70	70	70	62	60	72	76	70	66	74	78	73	75	81	75	78	73	77	75	67	80	83	86	73	71	77	77	74	68	51	72.6
	MIN	55	45	42	42	40	36	40	48	42	33	37	38	54	54	53	45	42	57	59	48	43	40	44	55	40	47	42	45	50	43	43	45.2
ING	MAX	68	66	68	69	64	63	70	73	70	70	75	78	76	73	69	72	83	80	80	65	73	83	93	88	68	69	79	85	66	59	48	72.4
	MIN	40	40	41	38	38	30	35	36	37	33	38	34	51	39	43	32	48	52	44	37	35	43	52	52	41	35	34	56	38	41	37	40.3
GO WS AIRPORT	MAX	77	75	76	63	53	63	75	78	64	67	76	76	75	73	79	71	72	79	77	76	66	79	84	86	70	72	73	78	72	58	52	72.1
	MIN	59	51	48	47	36	37	39	43	39	30	35	43	51	58	52	43	39	59	57	45	43	35	52	52	42	45	44	40	53	46	46	45.5
SENDEN	MAX	69	66	74	65	59	63	71	75	71	65	75	74	73	78	75	72	80	74	74	72	69	80	87	83	72	71	70	72	69	51	54	71.1
	MIN	55	45	38	41	37	42	37	37	35	28	35	34	50	51	41	35	40	48	52	43	33	37	48	52	44	45	38	49	34	36	35	41.1
MAN	MAX	75	72	76	72	60	73	77	73	65	75	78	77	78	81	73	76	85	76	75	75	72	79	81	83	75	68	66	78	79	68	57	74.1
	MIN	60	49	48	42	42	33	38	43	30	32	38	46	57	55	44	39	39	56	50	49	49	40	49	53	42	46	40	45	48	44	44	44.8
T YATES	MAX	68	68	72	71	69	60	69	77	69	65	78	78	72	72	78	72	82	76	82	68	67	80	84	80	68	71	76	78	70	62	48	71.9
	MIN	55	41	47	44	40	41	27	40	44	28	29	36	52	48	45	45	41	49	44	42	42	43	53	50	44	44	33	53	45	42	43	42.9

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5–Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FOXHOLM WILDLIFE REF	MAX	69	64	69	72	67	62	70	73	68	66	75	77	78	74	71	64	80	78	77	65	69	82	91	90	87	87	82	80	77	60	57	72
	MIN	52	40	35	41	38	34	38	38	36	30	40	34	53	42	41	38	37	51	50	44	36	41	54	59	45	46	43	40	43	34	41	41
FULLERTON	MAX	70	72	74	61	60	58	73	78	65	67	75	78	75	72	81	76	77	73	76	74	69	80	82	84	71	69	74	77	71	61	51	71
	MIN	58	46	61	40	37	43	38	37	37	31	39	39	54	60	53	45	42	57	59	45	42	39	45	54	43	48	38		43	44	43	45
GACKLE	MAX	67	76	72	61	55	62	70	75	68	65	73	75	76	80	80	70	76	70	74	72	76	78	81	84	68	70	76	73	68	65	52	71
	MIN	53	43	42	40	37	40	38	40	37	31	37	37	50	53	46	40	42	48	58	43	42	40	54	53	42	42	47	48	47	41	42	43
GARRISON	MAX	67	61	69	66	55	61	69	75	58	65	75	77	75	77	72	68	79	76	73	71	69	81	88	74	68	69	75	82	65	54	47	69
	MIN	49	39	40	42	37	35	36	41	37	32	37	40	52	45	45	38	46	47	48	41	35	42	55	48	42	42	38	54	41	36	38	41
GRAFTON STATE SCHOOL	MAX	77	78	76	75	63	68	76	79		66	76	70	76	80	81	72	78	78	77	76	69	80	87	86	80	71	74	78	72		87	75
	MIN	56	52	36	41	36	34	38	39	33	30	34	34	44	57	42	36	34	56	51	46	39	38	48	53	48	44	43	38	50		36	42
GRAND FORKS CAA	MAX	77	74	74	63	54	64	74	78	58	67	76	74	76	77	80	64	80	74	78	73	63	81	87	86	74	71	73	79	67	63	56	72
	MIN	58	49	43	40	39	33	39	42	38	26	36	38	48	56	49	39	42	56	50	46	36	36	48	54	47	44	41	39	46	37	42	42
GRAND FORKS UNIVERSITY	MAX	76	73	75	69	59	64	75	78	59	70	77	72	75	76	80	76	78	74	74	73	67	78	87	89	73	72	72	77	68	63	55	72
	MIN	59	55	44	41	39	34	39	43	38	28	36	39	47	59	48	39	45	58	54	48	38	38	42	59	46	44	41	41	54	39	43	44
GRAND RAPIDS 1N	MAX	72	72	74	68	54	62	73	76	62	74	73	78	76	84	84	78	79	73	78	74	72	80	84	86	76	70	72	79	70	65	52	73
	MIN	56	46	42	41	40	36	33	38	41	30	34	35	51	55	49	51	41	56	54	42	44	36	45	55	40	44	38	39	45	45	42	42
GRANVILLE	MAX	73	74	73		66	65	71	75	65	68	63	74	71	74	67	85	75	73	69	67	66	79	84	81	62	66	73	71		60	57	69
	MIN	52	42	37		38	32	35	37	37	28	28	34	57	44	41	40	41	48	49	40	32	38	53	55	41	42	56	41		35	42	41
GRENORA	MAX	66	64	65	70	59	62	66		69	69	67	78	76	75	76	69	80	77	80	77	74	82	91	81	66	81	80	79	57	85		72
	MIN			41	37	38	30	35	37	37	30		34	42	36	43	29	48	45	49	54		40	56	57	41	33		39	36	39		41
HANKINSON R R STATION	MAX	70		75		65		62	75	78	62	65	75	75	78	75	75	75	70	79	75	78	66	78	82	87	76	71	72	76	73	85	76
	MIN	57		53		41		41	47	46	35	40	41	45	51	57	45	42	48	55	49	46	42	53	51	52	46	43	43	50	48	40	46
HANNAH	MAX	71	68	72	64	59	65	72	77	57	65	69	70	71	78	73	63	78	74	67	85	78		87	84	72	67	72		74	60	55	69
	MIN	47	51	37	49	33	34	39	38	30	25	36	32	47	53	42	36	42	50	42	33	41		54	55	43	45	33		44	31	31	44
HANSBORO	MAX	69	66	72	63	57	66	73	76	58	67	69	71		77	71	65	79	65				68	80	88	85	71	69	73	74	66		61	73
	MIN	54	47	36	42	34	34	37	41	26	25	39	28		45	41	33	35	45				30	38	52		40	45	32	44	43		30	38
HETTINGER	MAX	67	65	68	70	67	62	65	73	62	64	72	76	69	74	72	71	72	71	70	66	66	78	85	81	79	81	85	80	74	70	51	73
	MIN	35	40	38	39	39	37	29	40	41	37	36	41	52	39	41	42	43	47	48	41	41	43	47	50	55	49	38	44	46	41	39	43
HILLSBORO	MAX	78	74	75	64	55	63	75	79	71	66	77	71	75	75	81	72	77	77	78	81	65	73	85	85	72	71	72	80	70	63	55	75
	MIN	55	51	47	40	38	34	38	45	38	30	38	38	42	38	48	40	40	46	44	45	39	37	47	51	47	46	44	39	48	41	45	43
JAMESTOWN CAA	MAX	71	69	74	64	55	63	71	75	60	66	74	76	71	79	81	70	76	68	74	70	68	79	84	84	69	69	74	75	67	57	53	73
	MIN	55	47	38	40	39	41	38	40	38	26	30	35	51	54	43	39	39	55	52	46	40	40	50	52	45	46	38	41	47	43	45	45
JAMESTOWN STATE HOSP	MAX	71	68	73	68	59	62	71	75	70	68	74	75	71	79	81	79	77	68	73	72	67	79	87	85	65	69	74	78	69	64	52	73
	MIN	59	47	42	43	39	42	39	39	40	30	31	38	52	55	46	40	40	56	55	46	41	45	52	53	47	47	39	45	54	44	45	46
KENMARE	MAX	66	66	59	69	64	55	64	69	73	56	67	77	75	76	75	65	66	79	77	70	66	69	83	91	71	67	67	76	79	61	60	69
	MIN	55	44	39	43	40	32	40	45	37	32	43	38	41	45	47	37	42	52	48	43	34	44	56	60	45	43	37	55	40	35	39	45
KENSAL WILDLIFE REFUGE	MAX	71	71	76	65	57	64	72	75	68	67	76	75	72	80	81	68	78	66	75	72	67	80	85	86	72	72	73	75	71	66	55	73
	MIN	55	46	37	38	37	42	35	40	39	25	32	32	51	54	43	37	37	56	51	45	35	39	51	50	41	44	35	45	46	39	39	43
LANGDON EXP FARM	MAX	72	74	77	70	55	65	74	78	62	64	74	69	72	78	74	67	78	75	74	70	66	79	86	85	76	70	74	75	68	62	56	73
	MIN	52	50	40	42	32	32	35	38	28	25	32	32	37	54	43	33	40	52	49	43	33	38	50	52	42	43	31	44	42	32	36	39
LARIMORE	MAX	76	72	73	66	59	63	73	74	60	70	76	72	75	79	78	74	77	72	75	73	67	82	87	85	72	73	72	77	72	66	60	74
	MIN	57	51	42	43	39	35	41	46	36	30	35	36	46	56	45	48	36	56	51	48	36	37	49	52	45	47	42	38	50	37	45	45
LEEDS	MAX	72	67	73	66	62	67	73	76	64	68	77	75	73	81	77	72	82	75	74	72	70	83	89	83	73	71	78	78	65	81	55	74
	MIN	54	46	36	42	38	41	38	43	33	26	39	34	49	50	45	35	41	50	52	42	33	41	53	56	44	43	36	47	44	34	40	43
LINTON	MAX	68	70	72	70	63	61	70	77	63	67	75	78	72	80	80	77	80	70	74	71	67	81	85	85	73	69	75	78	68	65	49	73
	MIN	55	42	47	44	39	42	30	46	44	30	28	35	51	51	45	45	48	54	55	40	43	34	52	52	39	39	35	53	47	43	44	44
LISBON	MAX								74	77	65	66	75	77	77	74	79	73	75	75	77	75	67	79	83	83	73	72	75	76	72	57	73
	MIN								35	41	27	27	34	47	54	47	40	36	53	54	42	41	31	47	56	43	48	43	38	47	50	45	45
LOSTWOOD 12N	MAX	65	58	63	64	60	60	67	70	63	65	74	78	70	72	70	65	75	75	69	67	67	79	87	86	63	65	74	80	74	55	47	69
	MIN		42	35	35					37				55	43			48	56	44				61					53	36			
MADDOCK AGR SCHOOL	MAX	69	66	74	65	59	63	71	75	71	65	75	74	73	78	75	72	80	74	74	72	69	80	87	83	72	71	74	75	67	63	51	73
	MIN	55	45	38	41	37	42	37	37	35	28	35	34	50	51	41	35	40	48	52	43	33	37	48	52	44	45	34	46	45	32	40	42
MANDAN EXP STATION	MAX	70	70	67	70	67	55	60	69	74	59	65	72	78	72	76	75	68	77	70	72	73	67	79	87	77	66	68	74	80	70	48	73
	MIN	54	38	46	44	39	41	33	40	46	29	31	39	51	46	42	43	44	48	53	43	40	38	53	52	46	42	38	54	48	42	44	44
MANDAN FT LINCOLN PARK	MAX	72	68	72	71	61	62	71	77	70	67	76	78	75	80	78	75	73	73	76	74	73	83	89	83	73	71	78	81	74	65	50	74
	MIN	52	38	47	42	40	43	34	39	42	30	34	37	51	46	44	42	43	49	51	41	39	39	48	52	46	46	38	54	45	39	40	43
MARMARTH	MAX	64	61	69	72	66	57	68	68	64	64	57	80	72	72	72	72	78	77	72	76	71	82		82	68	70	78	90	78	69	42	73
	MIN	48	40	35	34	36	28	28	29	44	39	32	50	54	36	45	38	46	48	48	46	33	38		60	43	40	28	58	43	40	38	42
MAX	MAX	67	61	66	62	54	62	69	73	57	66	77	76	71	77	72	66	79	74	74	68	67	77	88	77	67	68	74	79	62	54	47	69
	MIN	41	41	45	41	37	38	41	37	36	35	35	35	35	37	35	41	49	48	49	36	42	52	54	40	41	39	54	42	40	44	39	42
MAYVILLE	MAX	77	74	75	68	58	64	75	74	68	65	77	75	75	76	81	72	78	74	78	74	67	80	86	84	72	71	74	76	69	63	57	73
	MIN	51	51	43	42	38	32	39	46	38	28	31	36	48	59	48	40	38	58	58	46	38	35	50	52	45	45	41	36	45	41	46	44
MC CLUSKY	MAX	68	63	68		66	61	69	73	68	64	74	75	72	75	73	70	77	73	72	70	67	79	90	82		83	83	77	70	62	54	73
	MIN	54	43	44		37	43	39	42	38	33	37	41	52	50	48	39	47	50	52	44	37	44	50	52	44	42	40	52	45	38	40	43
MC HENRY 5 N	MAX	74	68	73	66	58	62	70	74	62	64	73	73	72	79	78	71	77	67	72	68	65	78	84	83	70	68	71	74	66	61	51	72
	MIN	53	46	38	42	38	39	37	41	36	27	36	35	48	55	46	36	40	54	53	42	34	41	50	53	40	45	37	41	46	33	39	43
MC LEOD 3 E	MAX	74	75	78	73	58	64	76	79	74	68	77	78	75	74	79	73	75	78	79	77	72	81	84	82	78	76	75	77	74	64	56	75
	MIN	55	54	46	48	40	34	34	38	38	29	30	37	45	58	57	43	46	58	58	49	43	37	57	53	40	40	41	38	37	44	43	45
MEDORA T R N M P	MAX	65	62	70	71	68	59	69	67	61	68	89	80	75	74	69	72	71	79	73	72	71	83	91	87	89	77	81	89	72	60	45	75
	MIN	48	37	34	31	33	24	25	33	41	24	27	34	51	33	40	32	41	47	42	33	28	33	46	59	39	41	27	59	42	36	36	38
MINOT CAA	MAX	67	62	69	61	55	62	71	72	58	66	75	75	72	75	69	65	79	76	73	67	67	80	88	74	67	68	74	79	62	56	51	71
	MIN	49	43	45	45	38	34	38	45	37	31	45	36	54	47	48	39	47	54	50	43	38	45	57	46	44	45	39	53	43	36	43	44
MINOT EXP FARM	MAX	67	61	69	66	60	62	72	72	70	65	74	77	74	75	70	65	78	75	73	69	68	80	88	85	66	69	74	80	75	67	55	73
	MIN	53	42	39	42	37	39	54	40	37	30	41	33	53	45	45	38	45	50	48	42	34	43	55	55	48	42	37	53	40	36	40	43
MOHALL	MAX	65	63	70	66	61	61	69	73	57	66	75	74	72	73	66	62	78	75	71	66	69	79	88	80	68	68	73	76	62	59	55	69
	MIN	53	44	39	43	38	34	39	42	36	34	41	36	48	46	49	36	42	48	49	43	35	42	56	58	44	43	38	51	42	35	38	44
MOTT	MAX	66	62	68	70	60	61	64	72	60	64	72	78	73	76	72	71	74	77	69	70	67	79	85	74	64	68	75	84	66	63	52	72
	MIN	46	39	38	35	36	29	25	35	40	24	32	36	52	33	37	39	45	42	45	38	36	37	48	52	39	33	32	51	44	39	38	40

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
UNICH 4 SW	MAX	72	70	73	65	58	64	70	76	65	64	73	70	71	77	76	85	78	74	73	71	68	78	87	83	71	69	74	72	70	81	58	70.8
	MIN	55	49	40	45	35	38	36	41	31	28	34	34	49	51	45	34	37	49	50	51	32	38	49	50	39	43	33	45	44	31	39	41.1
APOLEON 1 SE	MAX	70	66	71	68	59	58	68	76	63	64	72	75	70	79	81	73	75	68	73	70	68	78	82	85	70	69	76	74	69	80	50	70.3
	MIN	53	41	40	42	37	41	34	36	41	30	31	37	52	53	46	42	44	54	53	43	40	37	52	52	44	42	37	48	48	41	41	42.8
EW ENGLAND	MAX	64	60	64	70	63	55	66	66	60	64	72	76	70	74	69	70	75	76	76	72	75	80	87	73	64	68	76	84	87	67	41	69.2
	MIN	44	37	42	38	38	29	28	28	40	28	33	33	52	38	39	41	46	46	45	40	35	44	46	46	39	37	39	55	43	39	34	39.4
EW SALEM 1 S	MAX	70	65	63	68	57	63	68	71	64	65	68	78	75	73	74	77	70	75	73	72	69	80	86	75	70	69	76	85	73	72	55	70.9
	MIN	41	36	42	42	34	37	35	36	32	31	33	32	60	46	45	40	40	46	50	45	36	44	55	48	50	39	48	65	47	40	35	41.9
AKES	MAX	71	74	71	71	63	54	60	72	75	62	63	72	76	76	74	78	71	75	74	75	74	70	77	82	82	74	69	72	79	69	55	71.3
	MIN	47	38	36	41	41	36	38	35	43	30	32	38	50	51	50	44	40	55	57	48	48	38	47	54	42	46	40	40	51	51	43	43.6
ARK RIVER	MAX	75	75	75	71	61	65	75	78	67	67	75	70	76	80	80	70	79	77	77	76	67	80	87	87	76	70	73	76	73	66	60	73.7
	MIN	54	50	40	43	36	35	42	43	33	29	41	34	41	59	46	38	37	54	51	47	37	41	59	60	48	45	43	43	49	37	41	43.7
ARSHALL	MAX	68	60	68	67	62	60	68	71	69	66	74	78	77	75	72	68	77	76	72	71	71	81	89	87	67	70	75	83	64	62	51	70.9
	MIN	51	40	36	36	38	28	29	31	36	26	31	38	52	34	30	38	46	45	45	34	30	34	48	52	36	34	27	52	39	35	38	37.6
EMBINA 2N	MAX	71	72	70	70	71	64	75	76	59	62	72	69	74	76	71	64	78	72	79	71	61	80	89	86	73	69	73	75	67	64	59	71.4
	MIN	51	38	37	41	38	42	42	33	27	36	34	41	59	40	37	38	55	37	41	38	38	38	58	45	38	39	40	52	34	38	37	40.7
ETTERSBURG	MAX	74	70	75	71	58	64	73	77	62	65	75	70	73	80	78	77	77	65	75	72	69	79	85	86	78	70	74	74	67	65	58	72.1
	MIN	63	48	51	50	37	34	40	43	37	29	38	35	47	57	47	36	47	55	52	44	35	41	52	55	42	45	37	44	47	35	43	44.1
ETTIBONE	MAX	67	66	72	63	55	61	70	75	61	65	73	75	74	78	79	68	77	67	67	71	66	78	83	81	68	66	73	76	69	59	48	69.4
	MIN	55	44	44	42	38	42	33	40	38	31	35	38	53	54	48	39	41	53	54	44	38	40	54	58	47	45	39	43	48	44	42	44.0
ERTAL	MAX	65	68	59	67	66	56	62	70	74	58	68	75	76	72	73	61	68	80	78	72	64	70	81	90	69	65	69	75	77	59	57	69.2
	MIN	54	45	39	44	39	33	39	40	36	32	42	36	49	43	45	40	46	61	45	41	33	44	55	55	40	42	37	50	39	34	36	42.4
EWERS LAKE 1N	MAX	65	57	64	64	59	59	67	79	65	68	74	76	72	73	74	67	78	72	74	65	69	82	90	83	65	68	75	83	75	56	53	70.0
	MIN	49	42	34	38	36	32	31	35	36	29	35	40	53	36	47	33	45	55	42	36	31	39	68	54	38	37	31	52	38	35	38	40.2
CHARDTON ABBEY	MAX	65	61	68	68	62	59	68	68	60	65	74	77	73	74	70	70	77	76	71	72	69	81	88	83	67	68	77	85	69	60	44	70.0
	MIN	49	39	43	46	39	35	36	43	37	37	38	42	52	43	48	40	48	48	49	43	39	44	50	56	43	40	37	54	43	40	36	43.1
VERDALE	MAX	69	63	68	66	56	59	69	72	62	65	73	78	75	76	72	67	79	75	73	71	69	80	88	81	66	69	74	74	64	61	52	69.9
	MIN	51	38	43	43	39	35	37	38	37	32	37	40	52	46	47	39	46	48	53	45	38	44	53	56	46	43	38	53	44	37	37	43.1
LLA	MAX	68	66	71	65	55	65	71	75		66	71	70	71	77	73	66	79	72	73	68	68	81	88	82	69	78	74	72	62	60	54	70.3
	MIN	54	45	38	43	35	36	43	46	30		42	31	49	49	35	40	39	49	48	45	37	42	52	55	40	47	37	47	42	35	38	42.3
GBY	MAX	68	65	71	69	67	63	71	75	72	66	76	74	73	79	77	69	80	77	74	72	69	81	90	85	69	70	74	74	67	63	58	72.2
	MIN	56	47	42	43	40	42	41	40	35	32	38	36	53	49	46	37	45	57	51	43	35	41	55	56	42	44	38	52	45	36	44	43.9
NISH	MAX	69	68	62	70	72	55	62	69	75	59	69	75	79	75	75	69	70	78	79	73	67	71	82	92	73	68	71	78	82	62	52	71.0
	MIN	52	44	39	40	41	29	29	32	38	24	32	39	44	44	37	33	39	52	46	38	32	35	45	54	40	43	30	40	40	37	44	39.1
ARON	MAX	75	70	75	62	53	63	70	76	67	65	77	72	72	82	70	76	78	68	75	70	65	77	82	83	70	70	72	73	67	62	63	71.0
	MIN	49	49	45	40	37	35	39	43	37	31	38	47	47	48	39	38	42	55	54	45	37	43	52	56	45	44	38	42	48	41	44	43.5
ANLEY	MAX	72	57	76	65	52	60	68	70	55	67	76	76	73	73	66	72	78	77	69	88	68	82	90	85	62	66	76	83	66	56	45	69.3
	MIN	43	41	37	42	33	31	33	36	35	29	36	35	49	42	44	43	44	46	43	40	35	38		41	41	37	34	50	37	37	38	39.0
SELE	MAX	70	68	73	68	65	59	71	81	69	65	74	76	79	78	78	69	79	69	73	73	68	79	85	81	69	67	73	75	67	63	51	71.5
	MIN	52	41	40	42	37	41	33	38	40	29	33	35	43	51	44	39	41	52	50	41	38	43	51	50	43	40	37	47	45	43	41	41.9
WNER	MAX	72	68	72	67	73	64	72	76	68	62	72	73	75	78	73	67	80	73	75	68	69	83	90	80	69	70	73	78	68	66	58	72.0
	MIN	54	46	48	41	39	38	38	40	35	28	42	34	39	34	38	37	45	49	49	39	35	47	59	59	44	45	45	39	44	42	43	42.4
RTLE LAKE	MAX	87	63	69	65	61	64	69	72	68	64	72	76	74	76	75	71	78	73	72	68	67	79	86	76	69	68	73	78	71	63	54	70.4
	MIN	53	42	43	44	38	38	40	39	38	32	31	40	51	47	45	39	45	57	43	38	38	41	53	51	47	39	39	40	44	36	39	42.3
DERWOOD 12 W	MAX	70	70	65	70	68	55	56	56	55	68		78	77	76	76	70	72	70	69	69	70	82	89	86	65	69	76	83	67	64	50	69.7
	MIN	47	48	45		48	39	42	44	31	30	46	53	42	39	38	40	44	53	39	31	39	53	65	39	35	31	56	45	34	42	42.3
LAM 3N	MAX	71	64	74	72	63	68	74	78	67	70	78	76	77	82	69	68	81	79	77	72	71	84	90	88	74	73	78	73	67	62	57	73.5
	MIN	61	45	37	41	40	33	37	37	37	29	35	38	49	44	40	38	44	45	48	42	32	37	50	51	38	42	34	50	41	31	44	41.0
LLEY CITY	MAX	76	74	75	73	55	63	73	77	73	66	75	77	78	78	83	80	78	75	76	75	75	80	85	85	76	69	74	77	72	68	54	74.0
	MIN	57	49	44	46	42	38	35	42	40	33	27	42	48	58	48	44	42	58	56	43	42	39	49	57	47	46	42	42	51	47	45	45.1
HOOK	MAX	68	59	68	69	64	60	68	72	67	67	74	79	75	75	69	68	78	78	72	71	71	81	91	88	69	70	77	85	66	63	48	71.3
	MIN	53	44	38	39	39	29	32	38	38	30	36	47	54	38	42	38	46	47	46	39	33	38	51	57	40	40	33	55	41	38	39	41.2
VA	MAX	65	63	69	67	63	63	71	74	71	68	76	77	73	77	72	66	79	75	72	70	68	82	88	86	67	69	73	79	76	62	55	71.5
	MIN	48	45	38	43	38	35	35	41	37	29	44	38	53	47	44	42	43	51	52	45	36	42	59	58	40	43	40	57	44	36	41	43.4
PETON STATE SCHOOL	MAX	75	75	77	67	63	63	75	77	77	65	75	76	76	75	76	73	72	78	75	78	74	77	82	85	81	74	72	77	75	70	52	73.8
	MIN	58	49	52	45	42	35	38	43	48	29	36	39	49	57	58	44	38	58	57	45	45	38	51	54	45	45	44	39	58	48	46	46.2
HBURN	MAX	68	65	68	67	60	61	70	74	69	66	74	77	73	75	69	74	79	77	74	72	69	80	87	77	68	68	75	83	73	55	52	70.9
	MIN	53	41	45	43	40	41	35	42	40	32	37	41	52	46	41	42	46	48	52	46	39	44	53	55	48	42	41	55	46	38	40	44.0
FORD CITY	MAX	67	60	69	70	59	62	69	73	66	69	77	80	73	75	68	71	79	79	73	68	71	83	92	80	68	69	79	86	64	55	48	71.0
	MIN	48	39	42	37	38	27	32	38	36	27	36	40	53	39	46	33	50	52	46	41	33	43	52	54	44	40	35	59	38	41	37	41.2
THOPE	MAX	67	62	72	63	57	66	71	77	61	67	76	75	74	76	69	62	79	75	74	77	75	83	91	89	75	75	72	73	66	63	59	71.6
	MIN	50	47	40	45	40	36	41	45	35	33	40	35	43	47	47	37	45	40	49	37	38	43	55	44	43	38	39	53	44	37	40	42.1
LISTON W8 CITY	MAX	65	60	67	70	57	61	68	72	60	69	74	79	72	73	65	69	80	79	70	64	70	82	92	72	65	68	77	82	63	51	47	69.1
	MIN	49	42	45	41	41	31	36	38	40	33	45	44	53	44	43	35	55	58	48	43	36	45	58	52	45	44	38	50	41	44	39	43.7
LOW CITY	MAX	72	64	71	66	57	65	72	76	63	66	76	74	76	78	72	67	79	72	73	69	70	83	90	80	73	70	77	72	64	62	55	71.1
	MIN	55	46	35	35	40	39	36	42	34	26	31	35	50	47	37	35	39	45	50	45	34	34	47	55	44	43	32	51	44	31	42	40.6
TON RR STATION	MAX	67	66	62	66	63	54	58	67	72	57	63	71	75	68	74	72	65	75	69		71	68	79	85	75	65	66	72	75	64	53	67.9
	MIN	50	36	43	42	37	36	40	38	36	32	34	39	49	45	46	38	43	47	50		37	39	46	49	43	41	42	51	44	37	41	41.7
HEK	MAX	66	66	68	78	65		58	68	72	61	64	73	77	81	79	81	72	77	67	72	71	65	79	82	81	81	81	72	81	73	51	72.1
	MIN	53	41	38	38	35		28	35	40	29	25	34	51	53	40	42	43	52	51	37	39	30	51	51	37	38	34	44	46	46	40	40.7

Table 6 for this issue may be found on Page 76.

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
Adams 7 S	0022	Walsh	10	48 20	98 06	-		6P	Myron J. Sata	3
Alexander RR Statioe	0096	McKanzie	13	47 50	103 38	1200		8P	Arthur J. Bauman	3
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	7P	Hogae Ramsland	2 3 5 7
Alpha 1 B	0149	GoldneValley	7	48 37	103 49	-		7P	B. A. Bury	3
Ambrose	0189	Dlvide	12	48 58	103 28	2060		6P	Ronald L. Ransoe	3
Amania	0196	Cass	11	47 00	97 13	960	8S	8S	Virgil L. Gehnkn	2 3 5 7
Amidon	0209	Slopn	1	46 30	103 18	2910	8A	9A	Tafield Zuodel	2 3 4 5
Antler	0263	Bottineau	12	48 58	101 20	1540			W. B. Wegnar	3 4
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	980	8P	6P	Albert Thoreso	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2025	8A	8A	Soo Line Ageot	2 3 4 5 7
Baldhill Dam	0450	Barnes	11	47 02	99 05	1300	8A	8A	F. A. Johnson	2 3 5
Balfour	0492	McHeery	12	47 57	100 32	1615		MID	Raymoed E. Waller	3 4
Balta	0500	Pinrce	11	48 10	100 02	-		6P	Nick Bchaan	3
Bantry	0516	McRnnry	12	48 30	100 36	-		6P	Temple K. Robarts	3
Beach	0590	GoldenValley	7	48 55	104 01	2814	6A	6A	Luther F. Rodgin	2 3 4 5 7
Balcourt Indiae Res.	0626	Rolettn	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 4 5
Belfield	0639	Stark	4	46 52	103 11	2592	7P	7P	Carl lndargaard	2 3 5
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0768	Mercer	8	47 18	101 47	1780		7P	Knife Riv. Coal Co.	3 4
Bishne	0796	Towner	2	48 37	99 22	1800	6P	6P	Robert J. Krick	2 3 5
Bismarck WB Clty	0814	Burleigh	8	46 48	100 48	1670	8A	8A	U.S. Wnather Bureau	2 3 5
Bismarck WB Airport	0819	Burlnigh	8	46 46	100 45	1650	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Bottineau	0941	Bottineau	12	48 50	100 27	1638	8A	8A	N.O. Schl ef Frstry	2 3 5
Boebells	0961	Burke	12	48 48	102 15	1953	8A	8A	Falix L. Adams	2 3 5 7
Bowbells 5 E	0966	Ward	12	48 47	102 08	1925	8A	8A	Devalopmant Farm	2 3 5 8 7
Bowman Court House	0995	Bowman	3	46 11	1D3 23	2872	5P	5P	O. B. Hook	2 3 4 5
Bowman 11 SE	0998	Bowman	3	46 04	103 19	-		6P	Bernard L. Domagala	3
Bowman 30 NNW	1001	Slope	8	46 35	103 31	-		6P	Robert L. Banoo	3
Brnieo	1052	Morton	1	48 24	100 57	1720		MID	Frank E. Potter	3 4
Butte	1225	McLeae	12	47 50	100 40	1880	5P	5P	Art F. Petersoe	2 3 5
Cando	1288	Towner	2	48 29	99 12				Harry E. Barrie	3 4
Carrington	1360	Foster	5	47 27	99 08	1579	7A	7A	Soo Line Agant	2 3 5
Carsoe	1385	Graet	4	46 25	101 34	2300		MID	Vincnnt Wuggli	3 4
Carson 2 SW	1370	Grant	4	46 23	101 35	2500	7P	7P	J. W. Evnns	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 37	894	6P	6P	John B. Erickson	2 3 5
Center	1456	Dliver	9	47 07	101 18	2100	7P	7P	Fred L. Heioz	2 3 5 7
Colgate	1686	Staala	10	47 14	97 39	1180		6P	Johe P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		8P	J. D. Bundell	3 4
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	R. J. Lockner	2 3 5
Courtnay	1816	Stutsmae	5	47 13	98 34	1523		5P	G. B. Raoawalt	3
Crosby	1871	Divide	12	48 54	103 18	1854	7A	7A	Vereoe V. Nichols	2 3 4 5 7
Dawsoe	2018	Kidder	8	46 52	98 45	1730		MID	Ralph W. Wine	3 4
Devils Lake WB City	2158	Ramsey	2	48 D7	98 52	1471	MID	MID	U.S. Weathar Bureau	2 3 4 5 8 7
Dickinsoo CAA AP	2183	Stark	4	46 48	102 48	2587	MID	MID	U.S.Civil Anro Adm	2 3 4 5 7
Dickiesoe Sap. Statioe	2188	Stark	4	46 53	102 48	2460	7A	7A	Leroy Moomaw	2 3 5 8
Ooenybrook	2242	Ward	12	48 31	101 53	1760		6P	Frad B. Faldnnr	3
Drake	2298	McRenry	12	47 55	100 22	1634	8P	8P	Paul Kuetz	2 3 5
Duoe Ceetar	2363	Dune	6	47 21	102 37	2191	6A	6A	Chaert L. C. Neustel	2 3 5 7
Dueseith St. Sanitarium	23B5	Rolntta	12	48 50	100 02	2001	5P	5P	N.D. Statn Bnspital	2 3 5
Eckmae	2472	Bottinnau	12	48 39	101 03	1500	7A	7A	Soo Llae Ageot	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta	2 3 4 5 6 7
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1524	8P	8P	Mikn Davis	2 3 5
Elbowoods	2570	McLeae	8	47 35	102 09	2082	8P	6P	B. W. Came	2 3 5
Elgin 5 S	2592	Grant	1	46 21	101 49	-		6P	Art A. Eslioger	3
Elmndale	2803	Dickey	5	48 00	98 31	1460	8P	8P	Paul Greos	2 3 5 7
Eppiog	2735	Willlams	8	48 19	103 21	2224	6P	6P	T. Beachler	2 3 5
Esmoed	2787	Benson	11	48 02	89 46	1650		MID	Lyle D. Fering	3 4
Fairfield 8 N	2809	Billiegs	7	47 19	103 12	2650		6P	Mrs. Edith Larson	3
Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	MID	U.S. Weather Bureau	2 3 4 5 7
Fessendnn	2849	Wells	5	47 39	99 37	1610	6P	9P	Johe V. Zuher	2 3 5 7
Flasher	3009	Morton	1	46 27	101 14	1830		8A	George W. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940		6P	Palmnr M. Dunham	3
Forman	3117	Sargeet	10	46 06	97 38	1248	8P	6P	Art Watermao	2 3 5 7
Fort Yates	3207	Sioux	8	48 06	100 38	1640	8S	8S	Stand Rk Iedise Agy	2 3 4 5 7
Foxholm Wildlife Refuge	3217	Ward	12	48 27	101 33	1808	5P	5P	U.S.Wildlife Refuge	2 3 5
Fryhurg	3277	Billings	4	48 53	103 18	2790		7A	Bernae J. May	3 4
Fullerton	3287	Dickny	5	46 10	98 25	1439	6P	8P	F. O. Alin	2 3 5
Gackle	3309	Logae	5	46 38	99 08	1951	6P	6P	Alvil Ruwael	2 3 5
Garrison	3376	McLean	9	47 38	101 25	1911	MID	MID	Albert J. Bairele	2 3 4 5
Gladstone 22 N	3446	Dube	6	47 11	102 39	-			Richard Balley	3 4
Glee Ullio	3496	Wortoe	4	46 49	101 49	2090		MID	Frnderick J. Anhore	3 4
Glee Ullie 13 N	3501	Mnrcnr	6	47 D0	101 47	-		8P	Christ Schilling	3
Goldee Valley 10 S	3529	Mercer	6	47 10	102 03	-		8P	Robert H. Backfisch	3
Golva 1 SE	3556	GoldenValley	7	46 47	103 57	2780		MID	U.S.Civil Aero Adm	3 4
Grafton State School	3594	Walsh	10	48 25	97 26	827	5P	5P	Dr. J. C. Lamoet	2 3 5 7
GrWod Forks CAA AP	3616	Grand Forks	10	47 56	97 05	834	MID	MID	U.S. Civil Anro Adm	2 3 4 5 7
Graed Forks Ueiversity	3621	Grand Forks	10	47 55	97 05	830	MID	7P	University of N. D.	2 3 5
Grand Rapide 1 N	3665	La Moure	5	46 29	98 21	136D	6P	6P	Albert J. Ness	2 3 5
Granoo	3876	Rnnvills	12	48 37	101 35	1525		MID	Dawald H. Bjorelie	3 4
Granville	3688	McHnnry	12	48 16	100 51	15D4	7P	7P	Fred Rohln	2 3 5
Grassy Butte	3696	McKnnzie	7	47 24	103 14	2660			Sam Charchnnko	3 4
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	-		6P	Bdsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 56	2114	5P	5P	L. D. Nielson	2 3 5
Baley	3836	Bowman	3	48 58	103 08	-			J. S. Crawford	3 4
Halliday	3846	Dune	6	47 21	102 20	2073		6P	Johe Kiewe	3 4
Bankioeoe RR Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Llee Agnnt	2 3 5
Bannaford	3926	Griggs	11	47 18	98 12	1428		MID	Helee Beesoo	3 4
Haoeah	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Dffica	2 3 5
Baeehoro	3963	Townnr	8	48 57	99 23	1597	7P	7P	W. E. Dishar	2 3 5
Barvey Watar Works	4013	Wnlle	11	47 45	99 53	1596		6P	H. J. Reynnlds	3
Baynes 6 NE	4073	Adams	1	46 01	102 24	2640		MID	Byroe H. Bohh	3 4
Hazalton RR Statioe	4083	Emmoes	8	46 29	100 17	1978		MID	Ephraio 2acher	3 4
Battinger	4178	Adams	3	46 00	102 38	268D	6A	6A	Gerhard Christianeon	2 3 5 7
Bettinger 17 N	4186	Adams	1	46 13	102 39	-		6P	D. J. Gerbracht	3 4
Hillsboro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnkn	2 3 5
Hurdsfield	4343	Walls	5	47 27	99 55	1915		MID	Wre. Ruth Buchwitz	3 4
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1497	MID	MID	U.S. Civil Anre Adm	2 3 4 5 7
Jamestown State Hospital	4418	Stutsmae	5	46 53	98 40	1457	7P	7P	N.D. State Bospital	2 3 5
Knnee	4571	McKenzie	8	48 00	102 55	-		6P	Donald W. Lund	3
Knnmarn	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo E. Eckberg	2 3 4 5
Kansal Wildlife Refuge	4656	Stutsman	5	47 15	88 52	1440	7P	7P	U.S.Wildlife Refuge	2 3 5
Killdner 8 NW	4726	Dune	7	47 26	102 53	2240		7A	Leonard J. Davis	3
Kramer 5 SE	4823	Bottioeau	12	48 39	100 37	-		MID	Paul A. Kretschmar	3 4
Langdon Exp. Farm	4958	Cavlier	9	48 45	98 21	1615	5P	5P	V. Sturlaugsoe	2 3 5 7
Lansford	5002	Bottieau	12	48 39	101 22	1800		6P	Louis Schaefar	3
Larimora	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Beenis Regee	2 3 5
Leeds	5078	Benson	2	48 17	99 28	1515	7P	7P	John Fager	2 3 5
Lefor 10 B	5088	Stark	4	48 38	102 21	2580		5P	Josaph Link	3
Lintoe	5210	Emmons	8	46 16	100 14	1711	9P	8P	Willlam Heyerman	2 3 5 7
Lisboe	5220	Ransom	11	46 26	97 41	1091	7A	7A	Rohnrt W. Jodsaas	2 3 5 7
Maddock Agri. School	5434	Bensoe	11	47 58	99 30	1604	6P	6P	Bensoe Cy Agr Schl	2 3 5
Mandan Exp. Statioe	5479	Wortoe	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 4 5 6
Mandae Ft. Lincole Park	5484	Wortoe	8	46 47	100 52	1700	6P	6P	Park Supt.	2 3 5
Marsarth	5573	Slope	7	46 18	103 55	2714	6P	6P	S. P. Grass	2 3 5 7
Marsarth W D U Co.	5575	Blopa	7	46 18	103 55	2710			B. B. Jestnes	3 4
Martin	5610	Sherldao	11	47 50	100 07	1610		6P	John W. Magnuson	3
Max	5638	McLeae	8	47 49	101 17	2093	7A	6P	Soo Lies Ageot	2 3 5
Mayville	5660	Traill	10	47 30	97 19	975	6P	6P	B. A. Ragaz	2 3 5 7
McClusky	5710	Sherldan	8	47 29	100 29	1943	5P	6P	Elmer L. Schialke	2 3 5 7
McGregor RR Station	5720	Willlams	9	48 36	102 5S	-		MID	Hartvln Bermaesoe	3 4
McBeary 5 N	5730	Eddy	11	47 38	98 35	1509	7P	7P	C. B. Blasky	2 3 5 7
McLnod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carleon	2 3 5
McVille	5764	Nelsoe	10	47 48	88 11	1487		6P	B. B. Kninfal	3
Medina 1 W	5798	Stutsman	8	46 53	99 18	-		6P	Rudolph Graf	3
Medora TRNWP	5813	Hillinge	7	46 58	103 30	2250	5P	5P	U.S.Forest Sarvice	2 5 5 7

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to table
							Temp.	Precip.		
Mnlvilla	5833	Foster	5	47 20	99 02	1625		MID	Edgar S. Stegmnier	3 4
Minot CAA AP	5988	Ward	12	48 15	101 17	1724	MID	MID	U S Civil Aero Adm	2 3 4 5
Minot Sap. Fare	5893	Ward	12	48 10	101 18	1720	8P	6P	N C Agri Exp Sta	2 3 5
Moffit RR Station	6015	Burleigh	8	48 41	100 18	1760		9A	Soo Lioe Ageet	3
Mohall	6025	Reoville	12	48 46	101 31	1639	9P	9P	Iver Johesoe	2 3 5
Moetpelier	6105	Stutsman	5	46 42	98 35	-		8A	Rolf Haoson	3
Mott	6155	Hnttingnr	1	46 23	102 20	2420	8S	8S	Forrest E. Coffing	2 3 4 5
Munich 4 SW	6185	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Faldner	2 3 5
Napoleoe 1 SE	6255	Logan	8	46 29	88 45	1955	7P	7P	Gladys J. Petarson	2 3 4 5
New Englaed	6315	Bettingar	1	46 33	102 52	2621	5P	6P	Aetee Sallngar	2 3 5
New Rockford 7 WNW	8355	Eddy	5	47 33	89 18	1550		5P	Richard Steiehach	3
Nnw Salem 1 B	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaebe	2 3 5
Noooae	8455	Oividn	12	48 53	103 01	1960		6P	Georgs Kostnk	3
Northgatn	6535	Burke	12	49 00	102 16	1850			U S Customs Statioe	3 4
Oakee	6620	Dickey	5	46 08	88 05	1320	8A	8A	Mre. E.Carrls Murray	2 3 4 5
Park River	6857	ealsh	10	48 23	97 45	998	5P	5P	Wartlo Seversoe	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	8P	6P	C. E. Shubart	2 3 5
Pembina 2 N	6947	Pembina	10	49 00	97 14	780	7A	7A	U S Customs & Immig.	2 3 4 5
Petersburg	7027	Nelson	10	48 01	98 D0	1524	5P	5P	Rev. Odaan Monson	2 3 5
Pettiboee	7047	Kiddar	8	47 07	99 31	1860	7P	7P	L. H. Dnthloff	2 3 5
Portal	7201	Burke	12	49 00	102 33	1854	9A	9A	U S Customs Servicn	2 3 5
Powars Lake 1 N	7281	Burkn	8	48 34	102 38	2205	7P	7P	Rarbart J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Lesr	3
Raub	7405	McLeae	8	47 44	102 04	-		MID	Alvin Larson	3 4
Reader	7450	Adams	3	46 06	102 57	2810		6P	Henry A. Donnnr	3
Reednr 14 N	7452	Blopn	1	46 18	102 57	2880		8A	Chas. W. Wettingnr	3
Richardton Abbey	7530	Stark	4	48 53	102 19	2467	5P	5P	Aesumption Abbny	2 3 4 5
Riverdale	7585	McLeae	8	47 3D	101 21	1910	5P	5P	Cerps of Engineers	2 3 4 5
Rolette	7655	Rolntn	12	48 40	99 50	1625	MID	MID	Georga F. Gehree	3 4
Rolla	7684	Rolntn	9	48 52	99 37	1860	7P	7P	Theo B. Fagerlund	2 3 5
Rughy	7704	Pierce	12	48 22	100 D0	1560	8P	6P	Frank Horostein	2 3 5
Rydnr	7749	Ward	8	47 55	101 40	2108		9A	S. C. Schnlinnbaum	3 4
Sanish	7834	Mountrail	8	47 59	102 32	1835	7A	7A	R. J. Bugge	2 3 5
Barlns	7844	Cavaliar	9	48 57	99 0D	1585		MID	Clareeca J. Oleoo	3 4
Scranton	7832	Bowmae	3	46 09	103 09	-		6P	Henry W. Soahrse	3
Selfridge 11 W	7852	Sioux	8	46 01	101 10	2183		7P	L. E. Wilson	3
Sharon	7886	Steele	10	47 36	97 54	1518	8P	8P	Hugh Lyoe	2 3 5
Sherwood	8047	Renville	12	49 00	101 38	1647		6P	U S Customs Sarvica	3 5
Shnyaene	8057	Eddy	11	47 50	99 07	150D		MID	Pehr A. Petarsoe	3 4
Shield	8065	Graot	1	46 14	101 07	-		6P	Edwin D. Carlson	3
Stanley	8276	Mouetrail	8	48 18	102 24	2280	7P	7P	Lerey Edwards	2 3 4 5
Steele	8366	Kiddar	8	48 51	99 55	1857	8P	8P	Leoe V. Leeher	2 3 5
Tagus	8627	Mouotrail	12	48 20	101 58	2179		6P	George M. Pilgard	3
Tioga	8737	Williams	8	48 24	102 58	2279		6P	L. A. Siooe	3
Tolley 4 NE	8764	Reevills	12	48 46	1D1 47	-		6P	Carnie Nelson	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August 9. Rieder	2 3 5
Trotters	8807	GoldnnValley	13	47 20	103 54	2420		5P	Waltar Grunawald	3
Trotters 3 S	8812	GoldonValley	13	47 17	103 54	2420		MID	John O. Nellermoe	3 4
Turtle Lake	8840	McLnan	8	47 31	100 53	1898	5P	5P	Art Klungtvadt	2 3 5
Tuttle 8 B#	8850	Kiddar	8	47 02	100 04	1936		5P	Adam Leno	3
Undnrwood 12 W	8877	McLeae	8	47 26	101 24	1750	5P	6P	Mrs. F. W. Mattonn	2 3 5
Upham 3 N	8913	McHenry	12	48 37	1DD 44	1425	5P	5P	U S Wildlife Rafuge	2 3 5
Valley City	8937	Barnes	11	46 55	86 00	1229	6P	6P	Miss 1.C.Rohertsoe	2 3 5
Vae Book	8970	Mountrail	8	47 57	102 21	1864	9P	9P	Erwin A. Vantsch	2 3 5
Valva	8990	McHenry	12	48 03	1D0 55	1511	6P	6P	Oscar Andarson	2 3 5
Varoes	9035	La Mours	5	48 22	98 04	-		10A	Louis J. Frandeoe	3
Wahpatoe Powar Plant	9095	Richlaed	10	48 17	96 36	962		MID	Victor Burten	3 4
Wahpnton State School	9100	Richland	10	46 16	86 36	962	5P	5P	St Scb of Scieece	2 3 5
Walhalla	9155	Pembiea	9	48 55	97 55	950		6P	Falla A. Gaetonquay	3
Washburn	9185	McLean	8	47 17	101 02	1731	6P	6P	Fred F. Jafferie	2 3 5
Waehhure Watnr Works	9205	McLeae	6	47 17	101 02	1730			Washhure Water Wks	3 4
Watauga 8 N, S. Dak.	9219	Graet	1	46 02	101 34	-		6P	Jehn C. Spicer	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5
Watford City 11 S	8238	McKenzie	8	47 47	103 02	-		MID	Ida Peterson	3 4
Weathopn	9333	Bottieeau	12	48 55	101 01	1508	6P	6P	Rev. R. Carey	2 3 5
Wildresa	9400	Williams	8	48 38	103 10	2258		6P	Jonathae Winkjer	3
Willistoe WB City	9425	Williams	8	48 09	103 35	1877	MID	MID	U S #eather Bureau	2 3 4 5
Willow City	9445	Bottinnau	12	48 36	100 17	1471	8P	8P	D. W. Sandersoe	2 3 5
Wiltnn RR Statlee	9455	McLeao	8	47 09	100 48	2159	8A	8A	Soo Lina Agant	2 3 5
Wiehek	8515	Mclntoeh	8	46 16	99 34	2D10	8A	8A	H. W. Larson	2 3 5
Zahl	9635	Williams	8	48 34	103 41	20D0		8P	Ola Severtsen	3

NEW STATIONS

Plngree	7117	Slutsmao	5	47 10	98 54	1572		6P	Jerry W. Tangnay	3
Nortonville	6585	La Moure	5	46 33	99 44			6P	Beary L. Erickson	3
Sykastna	8608	Wnlle	5	47 2B	99 24	1653		6P	#illlam R. Evans	3
Burt 16 N	1218	Hettingnr	1	46 36	1D2 08			6P	Jacab Grnsbels	3
Lostwood 12 N	5320	Burke	12	48 33	1D2 24	225D	6P	6P	Lostwood Wildlife R	2 3 5
Buchanan	1124	Stutsmao	5	47 04	98 49	-			W. H. Bendrickson	3 4
Forbee 13 NW	3D64	Dickay	5	46 04	98 56	-		6P	Thaodera A. #irch	3
Grace City	3583	Foster	5	47 33	98 48	-			Ida Bondarud	3 4
Kulm	4843	La Moure	5	46 18	98 57	1870		8P	Jehn Strochl	3
Litchville	5230	Barnes	11	46 39	98 11	-		6P	William L. Rugh	3
Warwick	9185	Bnnsoe	11	47 51	98 42	-		6P	H. S. Stleeoo	3
Woodworth 5 E	9575	Stutsman	5	47 D9	99 12	-		6P	John Rohrar	3

‡ Drainage Code: 1. Cacecohall 2. Devils Lake 3. Graod 4. Haart 5. Jamew 8. Knife 7. Little Missouri 8. Missouri 9. Peahlea 10. Red 11. Shayaena 12. Sourle 13. Yellowsteea

REFERENCE NOTES

four digit identification numbers in the index number column of the Station Index are aesigned on a state basis. There will be no duplication of numbers thin a state.

gures and letters following the station name, euch as 12 SSW, indicate dietance in miles and direction from the poet office.

servation timee given in the Station Index are in local standard time.

ayed data and corrections will be carried only in the June and December issues of this bulletin.

thly and eessonal enowfsll for the preceding 12 months will be carried in the June issue of this bulletin.

tions appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in thie iseue.

ess otberwise indicated, dimensional units used in this bulletin are: temperature in °F, precipitation and evaporation in inches, and wind movement in es. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unlees otherwise shown by footnote following Table 6.

et and hail were included in snowfall averages in Table 1, beginning with July 1948.

unts in Table 4 are from recording gages. Traces are not shown.

unts in Table 3 are from non-recording gages, unless otberwise indicated.

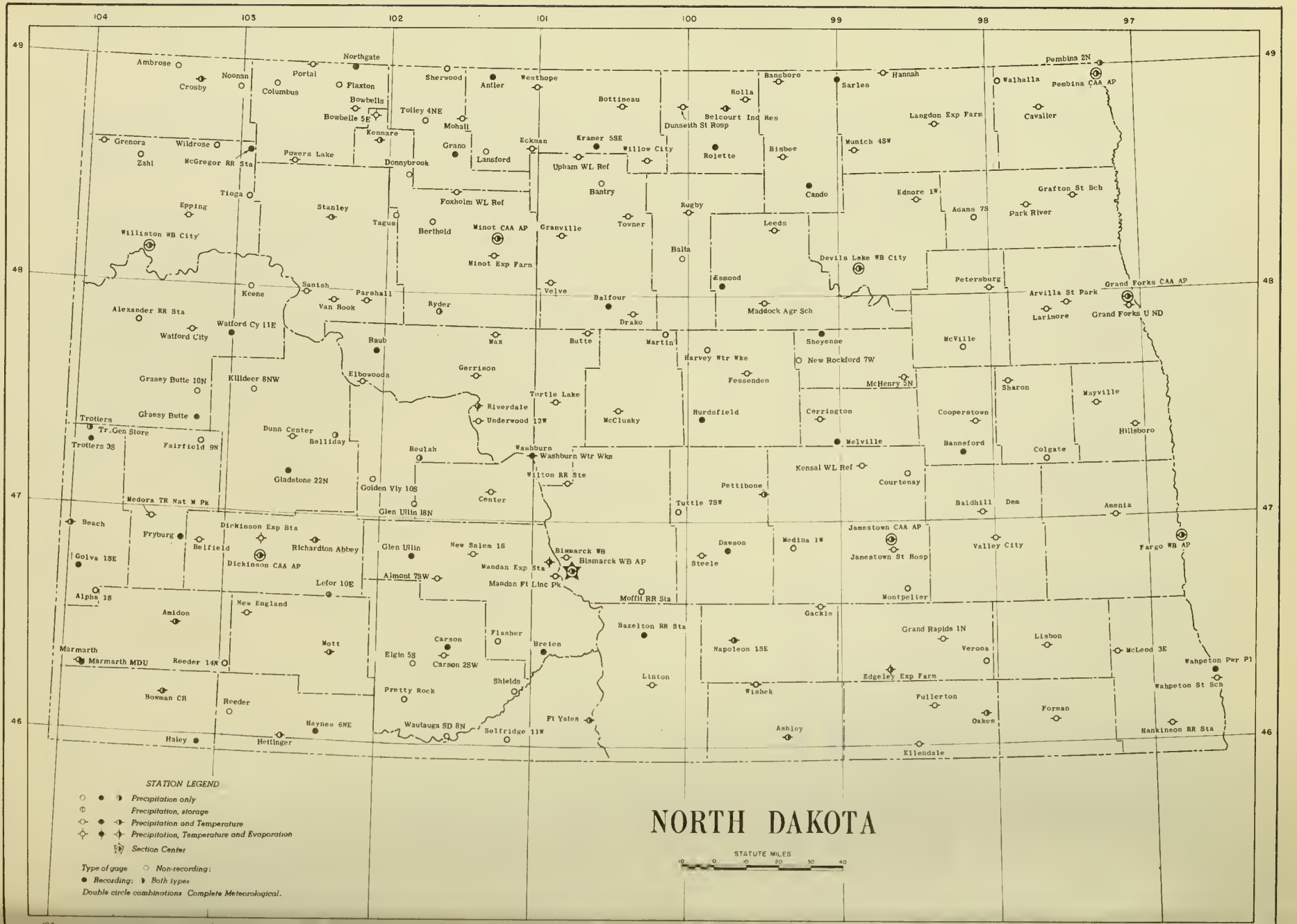
a in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

w on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 CST.

-	No record in Tables 3, 4, 6, 7, and the Station Index. No record in Tablee 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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W.B.O., Kansae City, Mo. -- 7-23-51 -- 1085


104
103
102
101
100
99
98
97
49
48
47
46
Ambrose
Crosby
Noonan
Columbus
Portal
Northgate
Flaxton
Bowbells
Bowbelle 5E
Kenmare
Tolley 4NE
Mohall
Sherwood
Antler
Westhope
Bottineau
Rolla
Bangsboro
Sarles
Hannah
Walhalla
Pembina 2N
Pembina CAA AP
Cavalier
Langdon Exp Farm
Belcourt Ind Res
Dunseith St Hosp
Munich 4SW
Bisbee
Rolette
Willow City
Kramer 5SE
Eckman
Upham WL Ref
Grano
Lansford
Donnybrook
Powers Lake
McGregor RR Sta
Zahl
Wildrose
Grenora
Tioga
Epping
Stanley
Williston WB City
Foxholm WL Ref
Bantry
Cando
Edmore 1W
Adams 7S
Park River
Grafton St Sch
Tagus
Berthold
Minot CAA AP
Minot Exp Farm
Granville
Towner
Rugby
Leeds
Balta
Devils Lake WB City
Esmond
Petersburg
Arvilla St Park
Grand Forks CAA AP
Grand Forks U ND
Larimore
Maddock Agr Sch
Sanish
Keene
Parshall
Van Hook
Ryder
Velva
Balfour
Drako
Alexander RR Sta
Watford City
Watford Cy 11E
Raub
Max
Butte
Martin
Harvey Wtr Wks
Sheyenne
New Rockford 7W
McVille
Gerrison
Elbowoods
Grasey Butte 10N
Killdeer 8NW
Grasey Butte
Trotters
Tr.Gen Store
Trotters 3S
Fairfield 9N
Dunn Center
Belliday
Riverdale
Underwood 12W
Turtle Lake
McClusky
Fessenden
McHenry 5N
Sharon
Mayville
Hurdsfield
Cerrington
Cooperstown
Hillsboro
Melville
Banneford
Colgate
Beulah
Washburn
Washburn Wtr Wks
Wilton RR Sta
Gladstone 22N
Golden Vly 10S
Center
Glen Ullin 18N
Kensal WL Ref
Courtenay
Pettibone
Tuttle 7SW
Baldhill Dam
Amenia
Medora TR Nat M Pk
Beach
Fryburg
Dickinson Exp Sta
Belfield
Richardton Abbey
Dickinson CAA AP
Golva 1SE
Glen Ullin
New Salem 1S
Bismarck WB
Bismarck WB AP
Mandan Exp Sta
Mandan Ft Linc Pk
Almont 7SW
Lefor 10E
Alpha 1S
Moffit RR Sta
Dawson
Steele
Medina 1W
Jamestown CAA AP
Jamestown St Hosp
Valley City
Fargo WB AP
Montpelier
Amidon
New England
Gackle
Bazelton RR Sta
Grand Rapids 1N
Napoleon 1SE
Verona
Lisbon
McLeod 3E
Wahpeton Pwr Pl
Wahpeton St Sch
Edgeley Exp Farm
Marmarth
Marmarth MDU
Reeder 14W
Mott
Carson
Carson 2SW
Elgin 5S
Flasher
Breien
Shields
Linton
Wishek
Fullerton
Oakes
Forman
Ashley
Hankinson RR Sta
Bowman CH
Reeder
Pretty Rock
Haynes 6NE
Wautauga SD 8N
Ft Yates
Selfridge 11W
Haley
Hettinger
Ellendale
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Section Center
Type of gage ○ Non-recording:
● Recording: ◑ Both types
Double circle combinations Complete Meteorological.
NORTH DAKOTA
STATUTE MILES
0 20 40 60 80

Nat. Hist.

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CLIMATOLOGICAL DATA

NORTH DAKOTA

JUNE 1951
Volume LX No. 6



KANSAS CITY: 1951

NAT.
HIST.

NORTH DAKOTA - JUNE,1951

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

June was a very favorable month throughout most of the state. Temperatures averaged below normal and precipitation belo normal. Rainfall, however, ranged from considerably above normal in some central and south-central counties to much belc normal in a few northeast, northwest and west-central counties. Crops in general made rapid progress under such favor able conditions.

The mean temperature for the state was 58.6 degrees, which is 4.5 degrees below the normal for the month of June. Th eastern division averaged 59.5 degrees which is 4.1 degrees below normal; the middle division averaged 58.5 degrees whic is 4.5 degrees below normal; and the western division averaged 57.7 degrees which is 5.0 degrees below normal. The warmes period occurred about the middle of the month when temperatures reached into the low nineties at many western stations The highest temperature of the month was 93 degrees recorded at Epping, Bowhells, Van Hook and Sanish on the 15th. Th coldest period of the month was from the 1st to the 4th. The lowest temperature recorded was 28 degrees on the first a Hankinson. The highest mean temperature during the month was 61.6° at Wahpeton, and the lowest was 55.8 at Belcourt

Precipitation over the state averaged 2.89 inches during the month which is 0.62 inch below normal. The eastern divisic averaged 2.93 inches which is 0.61 inch helow normal; the middle division averaged 3.39 inches which is 0.09 inch belc normal; and the western division averaged 2.32 inches which is 1.18 inches below normal. The greatest monthly precipi tation was 5.91 inches reported at Max. 3.95 inches of this total fell on the 5th for the greatest rainfall in a singl day. The least monthly precipitation was reported at Williston with only 0.87 inch of rain. Snow fell during the firs days of the month in the southwest portion of the state. Scranton reported the most snowfall, 8.0 inches. Several othe stations reported from 2 to 6 inches of snow during this period. This makes the average snowfall for the state 0.3 inc which compares with a normal of only a trace.

It was an ideal month, except in a few localities, for the development of crops in general. Corn was about the only cro which made slow progress due to the cool weather. Early general rains in June hroke the drouth that was developing durir May. Following these rains a considerable additional acreage was seeded to flax. At the end of the month, therefore, th flax crop ranged from "just emerged" in latest fields to well into the bloom stage in earliest seeded fields in sor southern counties. Crops in general were further along at the end of the month in the southern portions of the state du to the more abundant moisture. In some of these areas crops are as much as 75 percent headed out. In the northern area of the state, however, crops were just beginning to head out. Crops were also more spotted in the northern areas whe rain had been more showery. Soil moisture was deficient in northwestern counties and in a few northern and northeaster counties and crop prospects in these areas were only fair. In general a good soaking rain was needed over most of th northern half of the state. The cool weather permitted the grains to root down well. Crop prospects were for generall better than average yields in most sections of the state. Wild oats was a serious problem during the month. Many fiel were plowed up early in the month and either left for summer fallow or seeded to later crops. A considerable amount c weed spraying was accomplished during the month with up to 20 percent of the crop treated. Haying was begun during th month in most sections of the state with the first cutting of alfalfa most advanced. Almost half of the alfalfa had bee cut despite many delays due to wet weather. Some damage to cut hay also resulted. Pastures in general afforded amp feed for livestock which were in good condition at the end of the month. Grasshopper and aphid infestation was very ligh and little damage was reported.

Washing and flooding rains occurred in north-central McLean, southeast Ward and southwest McHenry Counties on the nigh of the 5th and 6th. Rains were estimated as high as 6 to 8 inches in an hour 7 miles southwest of Velva and caused dama to crops and flooded basements. Floods developed, reaching Velva on the afternoon of the 7th and covering the highw there with 18 to 20 inches of water.

On the 14th a tornado funnel was observed 15 miles east of Bismarck. It was plainly visible from the airport and was al reported by a pilot flying near it. As far as could be seen it appeared to reach only about half way to the ground. was first observed about 11:30 a.m. and apparently dissipated about 11:50 a.m. without reaching the ground to cause a damage.

On the 26th a hailstorm moving southeastward struck an area from north of Upham to about 7 miles southwest and south Willow City in Bottineau and McHenry Counties. Three miles north of Upham at the Wildlife Refuge hail the size of pe was reported at a depth of three inches. Considerable damage was done to crops through the area with some crops estimat to he near a total loss.

Hail occurred in nearly all sections of the state on several days throughout the month. Little or no damage was report in any of these storms except to tender garden vegetables. On the 7th near Tagus a cow was reported killed by lightnin --CJS

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ACKNOWLEDGMENTS

In addition to the climatological date from some 6,000 Weather Bureau and cooperative weatber stations, tbis bulletin series contains recorde from Hydroclimatic Network Stetions wbicb were formerly reproduced in tbe Hydrologic Bulletin Series. Tbe Hydroclimatic Network is a nationwide net of rain gages --mostly of tbe recording type wbicb produce continuous records of precipitation. It was established in 1939 at the request of tbe Corps of Engineers, Department of tbe Army, to supplement existing precipitation etatione in order to provide records of rainfall intensity wbicb were essential to tbe planning of flood control and related works by tbe Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, hae been maintained by tbe Weatber Bureau through working funds transferred annually to tbe Weatber Bureau hy the Corpe of Engineers. These tranefers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, tbe Department of Agriculture transferred ehout $100,000 per year to provide data required in its work, and since 1947 tbe Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of tbeir program ín the Weetern States.

Previous to tbe introduction of this bulletin eeriee, data from Hydroclima Network stations were presented in bulletins (Hydrologic Bulletins) wh were issued montbly for eacb of 8 drainage areae embracing tbe entire Uni States, but since the Network was establisbed to meet tbe internal requi ments of tbe Federal agencies referred to above, no provieion wae made public dissemination of the data, distribntion being limited to cooperat agencies and to certain public repoeitories. A liet of locations where r erence copies of tbe Hydrologic Bulletin Series are availahle for inspect may be ohtained upon application to Cbief, U. S. Weatber Bureau, Wasbing 25, D. C.

Many otber records published in tbie hulletin have been made available thro the cooperation of various puhlic offices, private agenciee, and individu as listed in the Station lndex.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
marck WB Airport	SSE	15	10.1	45	N	16	84	87	58	56	5	7	6	1	0	0	19	61	6.3
ils Lake WB City	-	-	8.0	30	S	25	-	-	-	-	6	3	7	2	0	0	18	55	6.1
go WB Airport	SSE	11	11.4	39	NE	2	80	83	53	54	7	4	3	2	0	0	16	64	6.0
lliston WB City	-	-	7.8	34	SE	6	71	80	44	43	11	9	2	0	0	0	22	62	7.1

COMPARATIVE DATA

ar	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
2	60.5	94	28	3.35	0	8
3	67.4	103	33	3.38	0	9
4	68.8	103	25	3.44	0	7
5	59.7	97	29	4.67	0	12
6	65.6	97	37	4.02	0	9
7	61.7	109	20	3.75	0	9
8	62.6	105	26	3.19	0	9
9	62.2	105	30	3.81	0	10
0	66.9	109	27	1.39	0	5
1	61.6	95	22	6.14	0	15
2	58.0	97	28	3.65	0	11
3	62.4	96	27	1.44	0	4
4	61.4	100	30	5.56	0	11
5	59.7	97	32	4.33	0	12
6	62.0	95	32	4.78	0	11
7	61.9	95	25	2.93	0	10
8	60.4	93	27	3.41	0	10
9	62.9	98	28	3.45	0	10
0	67.3	111	19	2.04	0	6
1	66.9	108	25	3.05	0	9
2	61.8	104	28	2.01	0	6
3	65.8	101	27	2.45	0	8
4	62.2	93	29	6.48	0	13

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1915	56.7	94	20	4.81	0	12
1916	58.0	92	29	3.87	0	11
1917	59.7	103	19	2.07	0	8
1918	63.3	102	27	1.58	0	7
1919	67.2	108	22	2.21	0	5
1920	62.2	98	26	3.53	0	11
1921	68.2	108	30	3.62	0	9
1922	63.5	108	30	3.79	0	9
1923	66.1	100	30	3.94	0	8
1924	58.6	89	26	4.04	0	11
1925	61.5	98	30	6.00	0	14
1926	60.7	104	22	2.61	0	9
1927	61.2	99	22	2.82	0	9
1928	58.2	92	24	4.89	0	12
1929	61.4	98	21	1.44	0	7
1930	63.3	96	30	3.09	0	10
1931	68.4	110	27	2.35	0	8
1932	67.0	98	34	3.92	0	10
1933	70.7	110	33	1.77	0	7
1934	64.3	100	29	3.04	0	11
1935	60.3	99	25	3.04	T	10
1936	66.4	110	28	1.34	0	6
1937	63.5	109	25	4.03	T	7

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1938	64.2	99	27	2.73	0	9
1939	60.1	99	29	4.59	0	12
1940	63.1	102	27	2.24	0	9
1941	64.2	97	32	5.54	0	12
1942	60.1	90	27	3.12	0	11
1943	60.4	102	28	5.07	1.3	13
1944	61.7	93	30	6.43	T	13
1945	57.5	99	28	2.48	0	11
1946	63.2	100	26	3.06	0	10
1947	59.6	90	24	5.81	T	14
1948	62.4	101	30	3.12	0	10
1949	63.7	104	26	2.64	T	9
1950	62.2	101	25	3.14	T	9
1951	58.6	93	28	2.89	.3	17
PERIOD	62.7			3.49	T	

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for the period beginning with 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for ier years.

See reference notes following Station Index.

Table 2

CLIMATOLOGICAL DATA

Station	Temperature									Precipitation									
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
EASTERN DIVISION																			
Amenia	61.1	-2.8	89	17	36	4	134	0	0	2.66	- .93	.93	2	T	0		8	2	
Arvilla State Park	59.8		85	13+	37	1+	173	0	0	2.67		.81	2	.0	0		13	1	
Baldhill Dam	61.4		92	15	40	3+		3	0	2.60		.75	2	.0	0		8	2	
Carrington	57.6	-5.8	85	16	38	2+		0	0	2.62	- .83			T	T	1+	12		
Cavalier	60.5	-2.1	86	13+	32	1	153	0	1	2.33	- .75	.60	2	.0	0		15	1	
Cooperstown	56.5M	-6.7	85	13	37	3	255	0	0	2.62	- .65	.87	2	.0	0		7	2	
Devils Lake W8 City	58.5	-3.4	85	15	35	1	204	0	0	2.70	- .86	.81	2	.0	0		12	2	
Edgeley Exp. Farm	57.8	-5.8	82	14+	36	2		0	0	3.76	.09	1.19	2	.0	0		10	2	
Edmore 1 W	57.0M	-5.3	84	15	31	1	260	0	1	1.82	-1.29	.75	2	.0	0		10	1	
Ellendale	60.3	-4.5	84	13	37	1	156	0	0	3.44	.03	1.63	19	.0	0		11	3	
Fargo WB Airport //	60.7	-3.7	85	14	39	4	147	0	0	2.36	-1.69	.78	2	T	0		9	2	
Forman	60.4	-4.6	85	13	35	4	156	0	0	3.96	.36	1.02	18	.0	0		9	2	
Fullerton	60.9	-3.3	85	13	37	1	145	0	0	3.62	- .29	1.36	19	T	0		8	3	
Gackle	59.4	-3.9	83	13+	35	1	174	0	0	4.35	.88	1.01	2+	.0	0		13	3	
Grafton State School	60.6M	-3.1	86	15+	40	1+	162	0	0	1.98	-1.27	.42	2	.0	0		10	0	
Grand Forks CAA AP //	60.2	-3.2	86	13+	39	1+	156	0	0	2.25	-1.03	.60	2	.0	0		8	2	
Grand Forks Univ.	60.1	-3.3	85	13+	39	1	157	0	0	2.68	- .60	.74	2	.0	0		10	2	
Grand Rapids 1 N	60.0		85	12	38	2+	167	0	0	3.08		.87	2	.0	0		12	2	
Hankinson RR Station	61.1	-5.8	85	14+	28	1		0	1	4.26	.68	1.65	2	.0	0		9	4	
Hannah	57.8	-2.7	85	15	30	1	225	0	1	3.10	- .31	1.01	6	.0	0		14	2	
Hillsboro	60.3	-4.4	85	13+	36	4	164	0	0	2.64	- .78	.82	2	.0	0		13	1	
Jamestown CAA AP //	57.9	-5.8	83	13+	38	4+	210	0	0	2.85	- .65	.64	2	T	0		9	2	
Jamestown State Rospital	59.6	-4.1	86	15	38	3	170	0	0	3.13	- .37	.95	2	.0	0		10	2	
Kensal Wildlife Refuge	58.7		85	15	37	3	197	0	0	2.82		.81	2	.0	0		9	3	
Langdon Exp. Farm	57.7	-2.9	85	15	29	1	225	0	1	3.64	.40	.70	6	T	0		14	3	
Larimore	60.3	-2.6	85	15	38	5	157	0	0	1.93	-1.63	.82	2	.0	0		8	1	
Lisbon	60.1	-4.3	83	13+	36	4		0	0	3.29	- .61	.93	2	.0	0		12	3	
Mayville	60.2	-4.3	85	15	40	1+	156	0	0	2.65	- .72	.80	2	.0	0		11	3	
McHenry 5 N	57.8	-4.0	83	15	35	1	218	0	0	2.77	- .70	.74	6	T	0		11	2	
McLeod 3 E	60.9	-4.4	83	15	34	4	140	0	0	4.49	.66	1.28	2	T	0		11	4	
Munich 4 SW	57.2		85	15	31	1	233	0	1	2.83		.76	6	.0	0		16	2	
Oakes	58.6	-6.7	83	14+	32	2		0	1	3.51	- .13			.0	0		12		
Park River	60.8	-2.3	86	15	36	1	150	0	0	2.12	-1.14	.68	2	.0	0		12	1	
Pembina 2 N //	59.9M	-2.9	84	14	37	3	151	0	0	1.45	-1.74	.39	7	.0	0		10	0	
Petersburg	59.8		85	15	35	1	177	0	0	1.68	-1.82	.54	2	.0	0		13	1	
Sharon	58.6	-4.4	82	13	38	1+	194	0	0	3.16	- .45	1.22	2	.0	0		13	2	
Valley City	60.2	-3.9	85	13+	37	5	164	0	0	3.25	- .30	1.13	2	T	0		11	2	
Wahpeton State School	61.6	-4.2	85	16	38	4	130	0	0	4.17	.59	1.09	2	.0	0		12	3	
DIVISION	59.5	-4.1								2.93	- .61			T					
MIDDLE DIVISION																			
Ashley //	57.4	-5.8	82	13	35	1	233	0	0	3.26	- .16	1.48	19	.0	0		9	3	
Belcourt Indian Res.	55.8		85	15	35	1+	282	0	0	2.47		.83	6	.0	0		12	2	
Bisbee	58.3	-3.8	87	15	33	1	202	0	0	2.45	- .91	1.07	6	.0	0		12	1	
Bismarck WB City	59.1	-5.1	86	16	37	2		0	0	2.89	- .34	1.10	2	.0	0		18	1	
Bismarck WB Airport	59.0	-3.9	88	15	37	3	189	0	0	2.29	-1.06	.77	1	.0	0		14	1	
Bottineau	57.0M	-4.8	88	16	35	1		0	0	2.35	- .84	.88	6	.0	0		16	1	
Butte	59.7	-2.8	87	15	36	1	171	0	0	3.88	.48	2.35	6	.0	0		12	1	
Carson 2 SW	57.7	-6.0	85	15	30	2	224	0	3	5.05	1.57	1.40	14	1.0	1	1	13	4	
Center	57.2	-6.5	87	15	34	3	233	0	0	4.01	.45			T	0		12		
Drake	58.4	-5.4	87	16	37	1		0	0	4.23	1.07	1.30	6	.0	0		15	3	
Dunseith St. San.	57.3	-4.1	86	15	35	3	244	0	0	2.47	- .54	.82	6	.0	0		12	2	
Eckman	59.1M	-2.9	83	13	37	1		0	0	2.86	- .12	.90	6	.0	0		8	3	
Fessenden	58.1	-4.5	84	15	33	1	220	0	0	3.84	.36			.0	0		12		
Fort Yates	58.9	-7.7	84	15	36	2	189	0	0	4.84	1.37	1.46	7	T	0		11	4	
Foxholm Wildlife Refuge	59.8	-2.1	92	15	35	1	180	1	0	1.44	-1.54	.77	6	.0	0		12	1	
Garrison	58.7	-4.2	88	15	38	1+	200	0	0	4.65	1.23	1.76	6	.0	0		14	4	
Granville	58.2	-4.5	87	15	37	1	205	0	0	4.34	1.15	2.60	6	.0	0		14	2	
Hansboro	56.3M	-4.5	88	15	31	1	262	0	1	2.36	- .96	.82	8	.0	0		13	2	
Leeds	58.9M		88	15	35	1	202	0	0	3.22		1.27	6	.0	0		10	2	
Linton	59.5	-5.7	84	13+	39	1+	178	0	0	4.04	.77	1.14	19	.0	0		13	3	
Maddock Agr. School	58.2	-4.0	87	15	35	1	214	0	0	3.47	.08	.97	6	.0	0		11	3	
Mandan Exp. Sta.	58.4	-6.0	87	16	36	3		0	0	3.31	.03	.96	2	T	0		12	3	
Mandan Fort Lincoln Pk	60.5M		91	15	35	2+	147	1	0	3.24		.94	21	.0	0		13	2	
Max	58.9M	-4.7	89	15	38	2	193	0	0	5.91	2.52	3.95	5	.0	0		13	2	
McClusky	59.5M	-2.8	88	15	37	3	181	0	0	3.63	.17	1.03	2	.0	0		10	3	
Minot CAA AP //	58.9	-3.7	88	15	36	1	199	0	0	4.30	1.19	1.66	6	T	0		11	3	
Minot Exp. Farm	59.4		87	15	35	1	196	0	0	3.46		2.00	6	.0	0		13	1	
Mohall	58.6	-3.1	89	15	33	1	198	0	0	3.04	.11	.67	13	.0	0		14	2	
Napoleon 1 SE	58.4	-4.5	82	13	35	3	204	0	0	2.72	- .64	.99	19	T	0		13	2	
New Salem 1 S	57.9M	-5.7	85	15	31	2	217	0	1	4.41	.96	.90	19	1.0	0		15	4	
Pettibone	58.6	-4.0	85	15	38	2+	203	0	0	2.57	- .54	.91	2	T	0		12	2	
Riverdale	58.9		87	15	37	1+	193	0	0	4.99		2.84	6	.0	0		14	2	
Rolla	57.3	-3.0	87	15	34	1	234	0	0	2.17	-1.23	.71	6	.0	0		16	1	
Rugby	59.7		88	15	36	1	180	0	0	3.51	.41	1.15	6	.0	0		15	1	
Steele	58.6	-4.4	83	13+	36	2	197	0	0	3.14	- .42	.80	2	T	0		9	3	
Towner	59.3	-4.1	90	15	36	1	190	1	0	3.52	.41	1.53	6	.0	0		13	1	
Turtle Lake	59.0M	-3.3	87	15	37	3	192	0	0	3.06	- .41	1.08	6	.0	0		11	2	
Underwood 12 W	59.5	-4.8	89	15	36	3	175	0	0	3.10	- .32	1.30	6	.0	0		13	2	
Upham 3 N	59.3M		88	15	37	1+	187	0	0	3.98		1.52	6	3.0	0		15	3	
Velva	59.3	-5.3	87	15+	38	1	188	0	0	4.48	1.55	2.86	6	.0	0		12	1	
Washburn	59.5	-5.4	87	15	37	3	176	0	0	2.89	- .50	.85	14	.0	0		9	2	
Westhope	59.7	-3.0	90	15	34	1	177	1	0	1.67	-1.34	.53	6	.0	0		11	1	
Willow City	58.2	-3.1	89	15	35	1	212	0	0	3.00	- .05	1.31	6	.0	0		10	2	
Wilton RR Station	56.5	-6.3	86	16	35	2		0	0	2.65	- .63	.74	2	.0	0		14	2	
Wisbek	57.7M	-5.9	83	14	35	2		0	0	3.52	.06	1.17	2	.0	0		15	3	
DIVISION	58.5	-4.5								3.39	- .09			.1					

See reference notes following Station Index

Table 2—Continued

CLIMATOLOGICAL DATA

NORTH DAKOTA
JUNE 1951

Station	Temperature									Precipitation									
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
WESTERN DIVISION																			
lmont 7 SW	58.9		86	15	32	2	190	0	1	4.46		1.15	19	6.0			17	3	1
midon	56.2	-6.6	85	16	31	2		0	1	2.63	- .85	.90	14	T	0		10	1	0
each	55.9	-6.7	89	16	33	2		0	0	2.20	-1.39	.67	2	T	0		12	1	0
elfield	57.1	-4.6	90	15	32	2	244	1	1	3.32	- .10	.76	21	1.0	0		15	2	0
owbells	56.9	-4.9	93	16	30	1		1	1	1.67	-1.57	.52	20	.0	0		13	1	0
owbells 5 E	56.5		87	16	30	1		0	1	1.37		.40	21	.0	0		11	0	0
owman Court House //	57.2	-6.2	88	15	31	1+	233		2	1.76	-1.35	.52	20	4.4	2	1	13	1	0
rosby	57.5	-4.2	90	16	29	1		1	2	1.97	-1.19	.64	8	.0	0		13	1	0
ickinson CAA AP	56.6	-5.5	88	15	32	1+	257	0	2	2.16	-1.36	.51	2	4.1	1	1	13	1	0
ickinson Exp. Station	56.8	-5.3	90	16	33	2		1	0	2.68	- .84	.82	2	.0	0		15	2	0
unn Center	57.0	-5.5	89	16	35	1		0	0	2.02	-1.68	.56	1	.0	0		12	1	0
lbowoods	60.5 M	-2.9	90	15	36	2	152	1	0	4.65	.97	2.65	6	T	0		9	3	1
pping	59.7	-3.4	93	15	32	1	181	1	1	1.45	-1.86			.0	0		8		0
renora	56.7 M	-4.3			32	1	250		1	1.95	-1.01	.81	20	.0	0		7	2	0
ettinger	57.8	-6.2	87	15	31	2	223	0	1	3.46	.30	.93	1	5.0	2	1	13	4	0
enmare	58.7	-3.7	92	16	32	1		1	1	2.40	- .49	.75	14	.0	0		11	2	0
ostwood 12 N	58.0 M		88	15	31	1	215	0	2	2.38		.71	7	T	0		9	2	0
rmarth	58.3 M	-5.1	92	14	33	1+	213	1	0	2.69	- .44	.70	19	2.0	T	1	10	3	0
edora TRNMP	58.4		92	15	34	2	207	2	0	1.65		.41	2	T	0		13	0	0
ott	56.9	-8.1	88	15	32	1+	246	0	2	3.21	- .04	.65	2	1.0	0		12	2	0
ew England	56.7	-6.9	89	15	32	1+	249	0	3	2.80	- .36	.75	1	T	T	1+	13	1	0
rshall	58.2	-3.8	91	15	34	1	210	1	0	2.15	-1.34	.82	6	.0	0		13	1	0
rtsl	57.4	-3.2	90	16	31	1		1	1	1.93	-1.16	.75	8	.0	0		14	1	0
wers Lake 1 N	56.1	-5.4	89	15	30	1	267	0	1	1.89	-1.40	.80	20	.0	0		9	1	0
chardton Abbey	58.8	-4.3	89	15	31	2	200	0	1	2.91	- .56	.89	2	T	T	1+	14	1	0
nish	57.6	-5.7	93	16	35	1+		1	0	3.33	- .04	1.30	7	.0	0		13	3	1
anley	57.1		90	15	34	1	242	1	0	1.43	-1.97	.52	20	.0	0		6	1	0
n Hook	59.7		93	15	36	1	181	2	0	1.11		.32	6	.0	0		10	0	0
tford City	59.4	-3.7	92	15	33	1	180	1	0	.99	-2.16	.17	24+	.0	0		9	0	0
illiston WB City	59.4	-3.3	90	15	31	1	185	1	1	.87	-2.56	.20	24	.0	0		11	0	0
DIVISION	57.7	-5.0								2.32	-1.18			.8					
STATE	58.6	-4.5								2.89	- .62			.3					

Table 3

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ams 7 S		1.02	.25		T	.34	.08									.08				.08					.27							2.04
lexander R R 5ta.		T	.04					.07	.01										.10	.05	.05				.31		.06		.13	.07		.97
mont 7 SW	.33	.69	.01			.05	.16			.72			*	.28		.21	.01	.13	1.15	.16	.11	.19	.12		.56		T		.09	.34		4.46
enia	.02	.93	.08											.16		.16		.13	.41						.21"							2.66
idon	.35	.30												.90	T	.30			.10	.30		.02					.10		.14	.12		2.63
idon R	*	.74												.90		.30		*	*	.40	*	.02				*	.10	*	*	.26		2.72
tler R						.30	.29	.03					.14							.20		.35				.03	.04	.02				1.40
villa State Park		.81	.05			.27	T			.35	.02	.11		T		.33		.04	.09	.01	.15				.39				.05			2.67
nley	.58	.66	.07					.17		.06									1.48	.06									.09	.09		3.26
nley R//	.93	.19	.03					.07		.05									1.45	.05					.07	.08			.05	.07		2.92
dhill Dam		.75	.40				.35	T									.15		.25	.55	T				.19		.02					2.60
lfour R		.45			.73	1.09	.31													.10	.05		.08									3.02
try						1.73		.07	.37			.11	.15									.33				.11						2.87
ch	.37	.67	.07			.03	.02							T		.05	.25		T	.25			.07		T		.22		.05	.15		2.20
ch R	.37	.39				.05	.03									.07	.26	.09	.12	.14		.08	.03			.20	.03		.20	.05		2.02
court Indian Re		.14				.83	.30	.55										.07		.09		.01	.13		.13		.12	.04	.03	T		2.47
court Indian Re R		.11				.88	.95													.10		.01										
field	.22	.65	.08	T		T	T						.11			.19	.15	T	.19	.06	.76	.03		.32	.04		.06		.17	.29		2.76
thold			.03		1.53	.92	.08													.09	.20	.21			.03					.01		3.32
lah	.25	.74	.03			T	.10						.05	.12						.20	.20	.21			.03							3.33
lah R	.32	.70	.02				.13						.30	.32		.07			.39	.12		.10	.37		.28					.05	T	2.87
bee		.11	.10			1.07	.28	.16						.07		.09			.37	.12	.01	.12	.36	.20	.09				.01	.02		2.93
marck WB City	.04	1.10	.01			.02	.05	.05		T				.15				.05		T	.02			.06	.30		.11	T	.04			2.45
marck WB AP R	.77	.19			T	T	.16			T				.11	.16	.16	T		.16	.14	.10	.29	.12		.27	.01	.01		T	.09		2.89
tineau			.01			.88	.26	.34	.04	.01			.03	.07		.08	T		.29	.08	.06	.20		.06	.14		.01		.15	T		2.29
bells						.07	.04	.45	.06	.02				.10						.01	.02	.27	.09			.12	.09	.09	.01	.01		2.35
bells 5 E			.02	T		.07	.03	.36	T	.01				.08						.52			.13		.06		.06	.09	.07	.02		1.67
man Court House	.23	.21	.01											.11				T	T	T	.40		.24		.07		.04	.02	T	T		1.37
man Court House R//	.54	.32												.06	.04	.18			.23	.52		T	.09		.05		.02		.07	.05		1.76
man 11 5E	.54	.44	.01										.06	.04	.02	.16		.05	.13	.51			.10	.04	.03		.02		.09	.03		2.20
man 3 NNW	*	.90												.07		.05	T		.13	.38		.03			.12				.04	.02		1.83
ien R	.59	.21	.02	.04			.15	.03				.26				.11					T	.10							T			1.37
hanan	.10	.52				.21	.35					.22	.69	-	-	-			.56	.15	.04	.02		.64	.04							-
t 16 N	.87		.04											.15		.15		.67				.11			.20							2.53
te		.40		.06	.03	2.35	.25						.83				T		.40	.20	.30	.26	.68		.26		T			.14		3.98
do R	-	-	-		.06	1.06	.28											.16	.13	.19	.07				.19		.03		.02			3.88
rington	T	.43	*	.90		T	.46	.10	.01						T	-	-	-	-	-	-	-	-	-	-	-	.02		.05				-
son R	.30	.99	.05	.20	.03														.08	T	.23	T	.02		.24	.08				.07		2.62
son 2 SW	.37	.80		.14	.09	.11	.09						.95	.34		.07			1.18	.16				.65						.05		4.97
alier		.60	.35			.46	.10	.06		.07	.07	.05	.10	1.40		.10			.77	.18					.80					.10		5.05
ter	.15	.90			*	1.00	.07							.08				.02			.04				.10		.25	.05	.03			2.33
gate		1.06	.06				.07	.04		.08				.20					.75	.32	T	.04	.45	.09					.04	T		4.01
umbus						.35	.35	.02						.14		.26		.14	.16	.16					.22				.01			2.40
perstown		.87				.62				.10				T		.30		.20		.85	.08				.19	.12	.06	.10	.08	.02		2.22
rtenay		.53			.39	1.05	T									1.43		.12			.12				.41							2.62
sby						.15	.13	.64	.08									.01		.02	.42		.14		.19	T	.06	.04	.07	.02		3.58
sby R						.25	.63	.07											.12	.36	-	-	-	-	-	-	-	-	-	-		1.97
son R	.36	.69					.32	.02		.08			.21	.13				.12	.25	.13	.05	.05	.03	.01	.29				.03				-
ls Lake W8 City R		.81				.32	.14	T		T	.04			.13				.25	.10	T					.28	.02	T		.14			2.62
kinson CAA AP	.46	.51	.01		.50	.40	T	T					.02	T	T	.11	T	T	.10	T	.03											2.70
kinson CAA AP R	.12	.59	.08			T	T						.05			.33	.09	T	.04	.09	.41	.02	T		T	T	.05		.07	.06		2.16
kinson Exp Sta.	.38	.82	.15											.36	.10				.07	.08	.38	.05							.09	.08		2.10
ybrook			.07		T	.60	.19	T						.01		.19	.07		.01	.10	.02	.57	.06	.01	.14			T	.05	.10		2.68
e	.28	.23	.55			1.30	.86	.38	.02	.02		.01		.04		T		.28	.03	.19	.14				.06				T			1.25
Center	.56	.11	.05			.06	T		.11					.09		.05	T			T	.07			.08		.08					4.23
eith St Sanita		.10				.82	.28	.50	.03	T										.17	.09	T	.20		.10		.15			.01		2.02
an						.90	.05	.35						.52							.63					.03	.10	.06	.02			2.47
ley Exp Farm	.35	1.19	.16			T			.14		.25				T				1.07		.06	.33				.03	.33	.05				2.86
ley Exp Farm R	.97	.41	.02					.14		.27							.19		.93		.37									.02		3.76
re 1 W		.75	.05		T	.45	.05	T		.03	.03			.14			T	.21														3.46
woods			.30			2.65	.09			T				T			T	.16	T	T					.18	T	.09	T	T	.03		1.82
n 5 5	.43	.64	T	T	T	T	T			T				.65		.04	T		T			.15		.65			.10		.02	T		4.65
ndale	.80	.77	.06		.02		T	T		.02		.01	T	.84		.11			.64	.23	T	T			.26				T	T		3.15
ng					*	.18	.08	T						.02		.02			1.63	.01	T		.04						.06	T		3.44
nd R		.68			.39	.96	.15													*	.27				*	.90			.02			1.45
field 8 N	T	.14												.05				.40		.13					.08							2.85
o W8 AP R//	.28	.78	.01			.04	T	T		.75			T	.26		.07	.08		.09	.10	.53				.91		.27	.15	.04			2.64
enden	.17	.72			*	1.43	.10	.11								.07	*	.03	.27	T		T			.13	T		T	T			2.36
her		.74	.10					.03						.09		.08		.12		.34	.03				.65			T	T			3.84
ton						.06	.18	.11		.02				.68	.30	.08		.22	.20		.12				.71					.07		3.25
																				.44	.14					*	.25	.08		T		1.28

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Forbes 13 NW	.53	.54	.07				.11			.10				.30		.03			1.05	.03									.04			2.80
Forman	.34	1.01	.07			T				T		T		.45			.29	1.02	T		.44				.28		.06		T		3.96
Fort Yates	.33	.65	T				1.46	.02		.19			T	.61	T		T		1.19	.28	.02								.02	.07	4.84
Fort Yates R	.77	.28					1.59	.05		.20	.03		.37	.23					-	-	-								.01	.07	-
Foxholm Wildlife Refuge			.01		.06	.77	.06			T			.06	T				.03		.24	.03		.08	T	.05		.02	T	T	.03	1.44
Fryburg R	.24	.57	.02													.16	.14	.08	.24	.08	.55	.02		.13	.02	.03	.04		.15	.14	2.61
Fullerton	.70	.93						T		.07				.36		.09			1.36	.04		.07							T		3.62
Gackle	.45	1.01	.04	T		.55				.15				.33		.22			1.01	.03	.26	.16			.04				.10		4.35
Garrison	T	.23	.18		.65	1.76	.02	T					.72	.10		.05			.04	.55		T	.01	.21	.11	.02						4.65
Gladstone 22 N R	.34	.53				.27									-	-	-	-	-	-	-	-		.68	.05	.04	.04		.06	.40	-
Glen Ullin R	.41	.51					.06						1.07			.31	.03	.05	.86	.10		.13		1.22	.04				.04	.19	5.02
Gleo Ullio 13 N	.30	1.13	.02				.10	T					.37	.64		.10	.24	.10	.79	.02	.30	.39	T		.23			.14	.02		4.89
Golden Valley 1 S	.17	.69	.23	.04				T					.22			.12	.26		.77		.17			T							2.67
Golva 1 SE R	.04	.49											*	*	*	*	.20		.20	.21											1.14
Grace City	.15	.77				.74	.55	.02		.02	.11					.15		.10		.10					.23						2.84
Grafton State School		.42	.18			.37	.11	.30		.03		.38					.02	.02							.15						1.96
Grand Forks CAA AP	T	.60	T			.27				.01	.26					.55		T		.15					.36		T		.05		2.25
Graod Forks CAA AP R//		.54				.29					.29					.61				.40					.35				.07		2.31
Graod Forks Univ	T	.74	.06			.29				.28	T					.73		.05		*	.21				.28				.04		2.68
Graod Rapids 1 N	.35	.87	.04						.07	.23	.18				.23			.28	.67	.05	.03	.08									3.08
Grano R					.11	.52	.04						.10	.03		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Graoville		.12			.03	2.60	.66	.05						.05				.04	.26	.09	.07		.17		.12		.07		.01		4.34
Grassy Butte R		.15			.05			.20					.05	.08		.19	.08		.76	.20	.26			.47	.10	.29	.03		.24	.31	3.44
Grassy Butte 1 N	.01					.01		.01	T				T	T		.15	T		.30	.12	.13	T					.39		.15	.60	1.85
Greoora					.65		.25	.10										T		.81	.02			T				.10		.02	1.88
Haley R	.56	.36											.05			.06		.12	.14	.40				.10	.04				.07	.04	1.94
Halliday	.08	.51				.04	.45	T					.53				.05	.03		.14			.09			.06				.19	2.17
Halliday R	.12	.48				.42	.14						.53			.14			.05	.10			.08	.44		.01	.05			.18	2.74
Haokinson R R 5ta.	.60	1.65	*	.20					.03				.03			.40			.18	.80	.85				1.17			.10			4.28
Raonaford R			.50			1.49	.03											T		.03	.12		.11		.42		.24	.06	.05		3.77
Haonah		.17	.04	.01		1.01	.60	.21		.03								.09		.05			.17		.37		.08	.02	.02		3.14
Haosboro		.03				.53	.09	.82		.07	.02							.18	T	.18					.16		.02		.02	.01	2.36
Harvey Water Works	T	.95	T		.75	2.25	.17	T		T			T			T		.15	.85	.25	.05								.05		4.64
Rayoes 6 NE R	.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.04			.44				.03		.18				.09	.02	-
Razelton R R 5ta. R//	.77	.52						.04	.03					.45					.62	.38		T			.60				.04	.05	2.54
Hettioger	.93	.59	.01	.03						.04			.11			.07	.01	T	.62	.38		T			.60					.08	3.40
Hettioger 17 N R	.50	.55											.74			.20		.03	.36	.43	.34	.03		.28	.06		.02				3.06
Hillsboro		.82	.11			.03	.35	.03		.42	.01	T				.10		.06	.05	.14	T				.41		T		.11	T	2.60
Rurdsfield R	.45	.77	.03		.07	.37										.10		.11		.52		.07			.34						2.81
Jamestown CAA AP	.50	.64	T			T	.23	T		T		.05				.42		.47	.30	T	T	.03			.21				T		2.87
Jamestown CAA AP R//	.59	.56					.24	.04				.05				.44		.47	.30			.05			.20						2.95
Jamestown 5tate Rosp.	.12	.95				T	.21	T				.25			T	.34		.53	.44	.02	T	.02			.25					T	3.11
Keene	-	-	-	-	-	-	-	-	-	-	-	-	.08			.07	T		.16	.09					.25					.33	-
Kenmare			.07			.19	.02	.47	.02					.75							.52		.19		.09		.03	T		.05	2.44
Kenmare R			.09		.08	.12	.48	.01	.02				.60							.48	.04	.11	.10						.02	.05	2.22
Kensal Wildlife Ref	T	.81				T	.64	.04				.16				.11		.75			.10	.03			.18						2.88
Killdeer 8 NW	.30	.08				.10			.10					.14						.32	.10				.28		.43			.20	2.06
Kramer 5 5E R		.10	.02		.06	1.31	.29	.03					.21	.02				.05		1.19			.05		.05	.71					4.00
Kulm	.51	.98	.02					.15		.32				.51		.10			1.16												3.77
Laogdoo Exp Farm		.59	.16			.70	.10	.44		.34		.10		.02							.30		.03		.50		.34	.01	.01		3.34
Laosford			T			.89	T	.03	T				.13					.20		.43	.05	.08				.08		.09	T		2.14
Larimore		.82	.07			.30				.06		T		.04		.30		T		T	.12				.22				T		1.94
Leeds	.76	.11			.08	1.27	.20							.08				.27	.13	.03					.28						3.24
Lefor 10 E	.26	.65	.09				.01						.37			.25	.04		.09	.10	.29	.20			.94				.14	.10	3.54
Liotoo	.47	.65			.02		.08			.26			.04	.92		.03			.14	.20					.13				.02	.08	4.96
Lisboo	.52	.93	.18				.07		.25				.04		.25		.05		.39	.55	.04	.02									3.22
Litchville	.20	1.16		.06			.03	.17		.43	.02					.27		.31	.74			.01									3.34
Lostwood 12 N						.30	.71	T						.43					T	.61	.06		.03		.07		.03	T	.14		2.11
Maddock Agr School		.76	.05		.73	.97	.19	.03						.04				.23	T	.31					.11	T	T		T	T	3.14
Maodao Exp Station	.03	.96	.10			T	T	.15						.10	T	.16	.08	.03	T	.25	.12	.70			.63	T	T			T	3.11
Maodan Exp Statioo R	.75	.27					.17						.05	.05		.20	.02		.27	.10	.52	.13		.06	.55						3.11
Mandao Ft Liocolo	.23	.85	.02		T		.10							.12		.14		.03	.28	.07	.94	.28			.15		T		.03		3.14
Marmarth	.50	.64	.02			.02			T					.03		.24	.02		.70	.40	T		T				T		.12		2.42
Marmarth M D U Co R	*	1.10	.01										.03	.01		.26	.03	.04	.52	.40							.07		.05		2.15
Martio		.82										T				T		.24	.07	.11					.13						4.44
Max	.21	.05	.05		3.95	.15								.66	.03					.26			.24	.05	.14	.08	.04				5.54
Mayville	T	.80	.04				.58			.16	.08	.02				.15		.09	T	.05					.65		T		.03	T	2.21
Mc Clusky		1.03	.04			.69	.23							.06		.27	T		.46	.64	.01	.20									3.14
Mc Gregor R R Sta. R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				.52		.12	.05	.05				.04		.06	-
Mc Henry 5 N	.02	.67				.74	.14	.38				.08				.09		.16		.11					.35				.03		2.23
Mc Leod 3 E	.10	1.28	.07					1.06		T	.05			.21		.07		.29	.66	.08									.62		4.44
Mc Ville		.82	.02			.75	.07	.15				.12		T		.05		.04			.08				.28				T		2.21
Medioa 1 W	.02	.80					.20	.06		.08		.34				.06		.11	.29		.18	.24			.17						2.20
Medora T R N M P	.05	.41	.25					T						.08		.06			.20	.05	.19	.01			.02		.08		.16	.08	1.80
Melville R	.35	1.15				.20	.76			.10				.02		.10		.31		.37		.03			.20				.07		3.34
Mioot CAA AP		.13	T		1.02	1.66	.17	T		T	T		.66	T		T		T	T	.41	.02	T	.01	.09	.12	.01			T	T	4.44
Mioot Exp 5ta.	.02	.18	.01		.19	2.00	.12					T		.22				.02		.42	.15		.04		.04		T	T	T	.05	3.44
Moffit R R 5ta.	.07	.96	.07			T	.02	.66						.19	.04				.28	.10	.04	.30			.82		T				3.34
Mohall					T	.41	.44	.04	.11		T		.67	.16			T		.65	.24	T	*	.07	.07	.09	.06	.03	T			1.26
Montpelier	.20	1.28	.30				.12	T	.05		.19						.07		.26	.87		.04	.02	.06	.02						3.16
Mott	.42	.65	T	T									.61			.18	.13		.19	.32	.08	.27	T	T	.26				.07	.03	3.41
Mott R	.58	.50	.02											.60		.15	.11		.19	.34	.08	.22	.25	.03					.13		3.40
Muoich 4 SW		.60	.07			.76	.16	.20		.03	T	.03		.04				.12		.10	.05		.02		.41		.17	.02	.05	T	2.26
Napoleon 1 SE	.38	.59	.01					T		.07		.04		.31		T		.04	.99	.08	.02	.01			.13				T	.05	2.54
Napoleon 1 SE R	.58	.23	.01							.07		.03		.24				.04	.94	.07					.09					.03	2.29
New England	.75	.14	.24										.05			.33	.04		.38	.17	.24	.04					.06		.10	.26	2.54
New Rockford 7 WNW	T	.75	.05		.15	1.84	.28	.25				.02		.02		.02	T	.20		.08	.11				.39	T	T		T		4.44
New 5alem 1 S	.18	.54	.02			.67	.17			T			.12	.30		.19	.17	.10	.90	.11	.28	T	.13		.53				T	T	4.44
Noonao					.38	.40	.16												1.30	.05				.35	.10	.05				.25	3.34
Northgate R							.12	.23												.94	.03	.04	.06		.07	.20	.02	.07		.03	1.73
Nortonville	.40	1.37				.06	.32	.07		.50						.24			.76	.02	.02										3.41
Oakes	.74	.99	*	.08							.04				.03		T		.04	1.00	*	1.12	.17	.06	T			.27		.01	3.21
Oakes R	.71	.26	.01							.04				.03	.02								.17								2.24
Park River		.68	.27				.35	.04	.12	.02	.19	.19		T			.02	T			.06			.12					.06	T	2.44
Parshall			.08		T	.82	.10	T		.01			.05	.05		.02		.22		.25	.09	T	.40	.03		.03				T	2.21
Pembina 2 N		.37		T			.39	.10	T		.03	.14		T			T				.04	.08	.05		T	.16	T	.09			1.14
Pembina 2 N R//	.03	.17		.05		.24	.25			.12										.10				*	*	*	*	.22			1.41
Petersburg		.54	.08			*	.44	.08		.04		.04				.02	T	.08	T	.24		.10				.01			.01		1.14
Pettibooe	.07	.91	.03				.03	.04						.01		.01		.63	.03	.23		.19			.39						2.34
Pettibooe R	.35	.92	.03				.04	.02										.62		.20		.22			.43						2.34
Piogree		.74	T			T	.42	.04		.02		.57				T		.60	.46	T	T	.04			.14						3.26
Portal				.04		.03	.04	.75	.07			.06		.01						1.30	.05			.35	.10	.05				.25	3.44
Powers Lake 1 N						.15	.40	.09					.19							.80	.01					.14		.02	.09		1.46
Pretty Rock	.50	.66	.08	.86	.10	.47				.19			.15	.40			T	T	1.30	.29	.03	.19	.09		.21				.12		5.54
Raub R//		.18	.03		.60	.65	.03						.25			.03	-	-	-	-	-	-	-	-	-	-	-	-	.03		-
Reeder	.45	1.90	.05					.03						.10		.20			.58	.42	.23				.04				.40	.14	4.44
Reeder 14 N	.08	.80	.18												.13	.33			.12	.62	.07									.07	2.34
Richardton Abbey	.17	.89														.24	.04	.07	.26	.06	T	.46	T		.08		.02		.07	.10	2.34
Richardtoo Abbey R	.49	.55						T		T			.05	.40		.24	.08	.01	.25	.05	.07	.38			.08		.03		.11	.04	2.34
Riverdale	.04	.34	T		.03	2.84	.06	T		T			.43	.01		.24			.05	.72	.09	T	T		.15		.02		.03		4.44
Riverdale R	.04	.34			.03	2.85	.07						.06	.46		.10				.77	.06			.05	.10				.04		5.54
Rolette R		.02			.14	1.20	1.39	.02					.43	.09		.13		.05													
Rolla		.12	.03			.71	.17	.30		.02	.05				-	-	-	-	-	-	-	-	-	-	.15	.26	.04	.01			1.77
Rugby		.25	.07			1.15	.31	.44										.12		.11	.02		.15		.13		.13	.03	.07	.01	2.34
Ryder		*	.20			2.80		.10						.24	T		.01	.25	.49	.07	.14		.04		.15	T	.06	.02	.06			3.44
Ryder R			.20		2.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.02	.68	.06	.04	.04		.17				4.44
5aoish	.17		.04			.66	1.30	.62						.12				.07		.03	.17				.05	.04		.19	.03			-
5arles R//		.20				.60	.50			.12										.03	.10		.13		.47	.15			.03	.03	3.34
5cranton	.77	.42	.04		.02									T	.09					.03	.10				.47				.04		2.34
Selfridge 11 W	.51	.60			.32	.02	.10	.01		.81				1.10		.15	.01	T	.21	.41	T	T	T		.05			.02	.06	.02	2.34
5eotinel Butte 20 S	.40	.45				.09										.50	.04		.52		.29				.19	T			.06	T	4.44
5haroo		1.00	.05			.40	.10	T		.08	.05	.05		.03		.50		.15		.05					.04		.12	.10			1.44
5herwood						.26	.62	.06	.08					.12					.50					*	.23				.25		3.34
5heyenne R	.50	.40			.66	1.18	.22					.16				.20		.51							.52						1.74
Shields	.37	.55		.09	.02	T	.05							1.86		.03			.66	.19	.03				.14				.10	.11	4.44
Stanley						.38		T					.35						T	.52	T	.03	.09		.06	T	T	T	T		1.74
5tanley R					.09	.38	.68						.30						.03	.47	.04	.04							.07	.01	2.34
Steele	.19	.80	T			T		.52		T				.37	T				.60	.05	.05	.32			.24				T	T	3.34
5ykeston	.04	.05	T		T	.45	.72	.12		T		T		T		T		.37	T	.26	T	.03	T	T	.30		T		T		2.34
T-gus		.07			.03	.60	.16						.20	.04		T		T		.14	.14		.14			.06	T		T		1.74
Tioga					.10	.30							.39							.19	.10				.22	.10			.08		1.74
Tolley 4 NE						.32	.38						.35	.33						.34	.03	.13	.07								1.74
Towner		.20			.10	1.53	.20	.10				.10	T	T				.20	.23	.15	.47	.05			.12		.07				3.34
Trotters	T	.10			T		.03	T		T			T			.04	.21		T	.10	.32	.02		.02	.11				.09	.02	1.74
Trotters 3 S R	.06	.08			.03											.11	.33			.15	.04	.02		.05		.20	.01		.12		1.74
Turtle Lake	T	.67	.05		.20	1.08	.36							.24		.16		.03	.04	.05					.18		T		T		3.34
Tuttle 8 SW	.18	1.18			.03	.05	.76							.72		.12		.23	.20	.58	T	.20			.35				T		4.44
Underwood 12 W	.17	.36	.03		T	1.30	.05			.04				.54		.08			.08	.19		T	T	T	.06	T	T		.17	.04	3.34
Upham 3 N		.14	.01			1.52	.13	.34		.01		.02	T	.32				.08		.18	.61		.03		.03		.53	.03	T		1.94
Valley City	.65	1.13	T				.05	.12		.33		.01				.12		.35	.47	T	.01	.01									3.34
Van Hook		T	T			.32	.21	T						.05		.03		.26		.12	.02		T		.04		.03		.03	T	1.74
Velva		.30	T		.14	2.86	.11	T		T		T		.04		T		.09	.02	.22	.23		.07		.30		.10				4.44

See reference notes following Station Index

Table 3—Continued

DAILY PRECIPITATION

NORTH DAKOTA
JUNE 1951

Station	Day of month																												Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
erona	.63	1.00	.15								.35				.15		.05		.38	.70		.23							.15			3.79
ahpeton Power Plant R	.28	.92						.10		.42		.02				.03	.03	.14	.72	.07					1.65		.02					4.40
ahpeton State School	.16	1.09	.08					.06		.22		T				T		.08	.47	.23		T			1.05	.67	.04		.02			4.17
alhalla		.44	.15	.19		.38	.24	.03		.26	.10						T		T		.33				.40	.25		T				2.86
erwick	.13	*	.74			.79								.07				.12		.15			T		.25	T						2.25
ashburn	T	.76	T			.30	.27							.85		.13		.21		.20		T	.13		.04				T			2.89
ashburn Water Works R	.22	.55			.05	.22	.26						.80			.11			.25	.17			.14		.04							2.81
atauga S Dak 8 N	.70	*	.54			.08		.05		.10			2.21	.08	T				1.29	.21							T		T	.17		5.43
atford City							.06	.07		.05						.13				.12		.14		.17			.08			.17		.99
atford City 11 E R						.06		.04					.48			.12			.03	.07		.05		.08			.07		.17	.29		1.46
atford	-	-	-	-	-	-	-	T	.02				.34			.12			T	.38	.08	.54	T	.09		.20		T		.50		-
eathope				T	.53	.20	.02							.10						.25	.07		.09		.11		.15	.05	T	.10		1.67
ildrose				.07	.26	.22	.07						T							.73	.07				.45			.04	.09	.27		2. 7
illiston WB City R	T	T		.06	T	.07	.03		.06				T	T		.06		T	.07	.09	T		.05	.20	T	T	T	T	.04	.14		.87
illow City		.08		T	1.31	.61	T			T				.10				T		.12	.19		.09		.19		.33	.05		T		3.00
ilton R R Sta.	.06	.74	.21		.02	.03	.56	T						.04	.13	.12				.17	.39	.04			.09					.05		2.65
inhek	.28	1.17	.13		.01	T	.01	.04		.17				.08	.02		.04		.75	.60	.13	.03			.06					T		3.52
oodworth 5 E	T	1.00	.01			T	1.05	.05		T						.05		.48	T		.06	.07			.11					T		2.91
ahl						.18	.56	T		.02			.03				T		T	.36			.04		.06		T	T	.07			1.54

Table 4

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
													—1st—											
IDON													*	*	*	*	*	*	*	*	*	*	*	*	*
HLEY //																									
ACB			.01	.01					.01	.04	.10	.05	.03	.01	.01							.06	.12	.12	.05	.10	.11	.06	.06		.93
ULAH																						.01	.03	.05	.01	.02	.04	.09	.05	.05	.37
SMARCK WB AIRPORT		.02		.01																			.04	.15	.06			.01	.02	.01	.32
WMAN COURT HOUSE //																				.01	.09	.11	.05	.08	.08	.09	.13	.10	.03	.77
EIEN													.01	.04	.05				.04	.06	.05	.04	.04	.06	.03		.01	.03	.03	.54
CHANAN																			.08	.05	.03	.05	.05	.05	.09	.10	.06	.01	.02	.59
NDO																							.01	.04	.01	.02	.01		.01	.10
RSON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSON																			.01	.01	.05	.05	.01	.08	.01	.01	.01	.01	.02	.03	.30
CKINSON CAA			.01	.01																		.01	.05	.05	.01	.04	.05	.06	.08	.01	.36
GELEY EXP FARM																				.04	.05	.01									.12
RGO WB AIRPORT //										.05	.10	.09	.01	.02							.05		.05		.10	.13	.02	.05	.23	.07	.97
RT YATES																									.01	.01	.05	.09	.04	.08	.28
YBURG							.02				.03								.07	.05	.14	.04	.02	.07	.06	.11	.05	.08	.03	.77
RRISON																				.02	.03	.03	.06	.01	.02	.01	.01	.01	.04	.24
AOSTONE 22N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EN ULLIN																					.02	.13	.07	.09	.01	.01			.01	.34
LVA 1 S E																				.02	.03	.05	.05		.03	.05	.12	.06		.41
ACE CITY																											.01		.03	.04
LEY																									.04	.06	.04	.01			.15
LLIDAY									.04	.05	.05	.06	.06	.09	.06	.07	.04								.01	.01	.01			.01	.56
YNES 6 NE																	.04	.06	.02												.12
ZELTON R R STATION //					.02	.02	.01		.05	.01	.03	.05	.03	.04	.09	.02	.08	.10	.04	.01											.60
TTINGER 17N														.02	.04	.13	.08	.06	.08	.03	.13	.13	.04	.03	.77
RDSFIELD									.02	.03	.04	.06	.01	.06	.08	.06	.04	.06	.02	.01		.01									.50
MESTOWN CAA //																		.02	.06	.06	.07	.04	.09	.11	.45
NDAN EXP STATION																		.05	.05	.05	.10	.05	.15	.14	.59
RMARTH M D U CO																.10	.15	.05	.09	.08	.06	.12	.09	.01	.75
LVILLE										*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
NOT CAA //																			.07	.13	.10	.03	.01	.01	.35
TT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POLEON 1 SE										.01	.03	.02	.08	.01	.10	.08	.01	.08	.07	.01	.03	.01	.02	.02	.58
KES										.03	.04	.02	.01	.03		.05	.04	.06	.07	.10	.03	.05	.04	.01	.58
MBINA	.01	.01						.05	.09	.01	.05	.02	.01				.06	.01	.09	.01	.05		.10	.14	.71
TTIBONE																							.01	.02	.03
CHARDTON ABBEY																.01	.05	.04	.06	.04	.01	.06	.06	.02	.35
VERDALE															.05	.05	.05	.05	.05	.08	.04	.02	.05	.05	.49
EYENNE																			.01	.03					.04
OTTERS 3S											.03	.01	.02	.03	.01				.01	.13	.06	.03	.07	.10	.50
HPETON POWER PLANT			.01	.02														.01		.01	.01	.02		.01	.06
SHBURN WATER WKS									.01	.02	.01	.01							.05		.05	.02	.07	.01	.28
																			.02	.07	.02	.01	.03	.07	.22
													—2d—											
IDON	*	*	*	*	*	*	*	.74																	
HLEY				.04	.06	.04	.01								.02	.01									.74
FOUR				.01	.03	.06		.17	.07	.01	.01	.03	.01	.02	.01	.01	.01				.01				.19
ACH	.10	.05	.10	.05	.02					.02	.01	.01	.03												.45
LCOURT INDIAN RES												.01	.02	.03		.02	.01	.02							.39
ULAH	.01	.09	.03	.04	.10	.13	.06	.08	.07		.01					.03	.04	.01							.11
SMARCK WB AIRPORT		.01	.03	.01	.01	.06	.04	.02							.01										.70
WMAN COURT HOUSE //	.02	.01	.01	.02		.01	.11	.10	.02								.01		.01						.19
EIEN	.01	.02	.02	.04	.03	.06			.01						.01		.01								.32
CHANAN	.01	.02			.01	.01		.16	.07	.04	.01	.03	.05	.01	.04	.02	.04								.21
SON	.15	.12	.10	.11	.14	.05	.05	.05	.05	.01	.01	.02	.01	.02	.01	.04	.03			.01	.01				.52
WSON	.05	.03	.02	.05	.07	.08	.10	.06	.08	.02	.04	.05	.01	.01	.01		.01								.99
ILS LAKE WB CITY						.01	.02	.05	.04	.07	.10	.10	.11	.05	.05	.03	.06	.05	.03	.02	.01	.01			.69
CKINSON CAA	.06	.13	.11	.09	.01	.05	.07		.03	.02		.02													.81
ELEY EXP FARM	.01	.01	.01		.05	.10	.05	.05			.01	.03	.01	.02	.02	.01			.01		.02				.59
OND						.03	.02	.13	.13	.10	.04	.06	.04	.01	.06	.02	.01			.01	.01	.02			.41
GO WB AIRPORT //	.07	.19	.21	.07	.05	.01		.01	.01	.01	.03		.03	.01				.04	.04						.69
T YATES	.02	.02	.04	.05	.04	.03	.02	.03							.03										.78
BURG	.01	.05	.09	.07	.04	.01	.01	.02																	.28
DSTONE 22N	.03	.07	.07	.06	.08	.10	.05	.05						.01	.01								.13	.12	.57
N ULLIN	.05	.05	.05	.06	.09	.04	.02	.01	.02	.01	.01	.02			.01	.01									.53
VA 1 S E	.01	.03	.02	.05	.09	.09	.06	.05	.05			.01		.01	.05		.01		.01						.51
CE CITY	.01	.01					.05	.15	.05	.07	.13	.07	.08	.02	.04	.04	.02	.02	.01						.49
ND FORKS CAA //								.08	.02		.04	.06	.08	.04	.08		.05	.04	.01	.03	.01				.77
SSY BUTTE	.02	.03	.02	.01	.01		.01		.01	.01	.02	.01							.01						.54
EY	.02	.02	.05	.01	.04	.07	.08	.04	.02																.15
LLIDAY	.01	.02	.05	.06	.10	.09	.05	.05	.01										.01						.36
NES 6 NE	.01	.02	.02	.03	.02	.06	.14	.14	.09	.01	.01	-	-	-	-	-	-	-	-	-	-	-	-	-	.48
ELTON R R STATION //		.04	.04	.05	.07	.08	.09	.08			.01	.02	.01	.01	.01		.02		.01	.01					-
TINGER 17N		.02				.03	.10	.15	.15	.05				.01	.02	.01	.01								.52
DSFIELD		.03	.01			.02	.08	.07	.04	.05	.11	.03	.04	.06	.05	.08	.02	.04	.01	.01	.01				.55
ESTOWN CAA //	.03	.03				.01	.09		.15	.09	.01	.04	.03	.05	.02				.01						.77
MER 5 SE													.03	.03	.02										.56
DAN EXP STATION		.02	.02		.01	.06	.01	.05				.02	.03	.02	.02			.01							.10
MARTH M D U CO	*	*	*	*	*	*	*	.99				.01	.01	.05	.03									.01	.27
GREGOR RR STATION																									1.10
VILLE	.02					.03	.15	.20	.09	.11	.05	.10	.12	.07	.08	.07	.02	.03	.01						-
T	.02	.04	.05	.05	.07	.08	.07	.08		.01		.01	.01	.01											1.15
OLEON 1 SE				.01	.03	.03	.03	.04	.01	.03	.01	.01		.01	.01										.50
ES	.0B	.03	.01		.01	.04		.02	.02		.01		.01		.01									.01	.23
BINA	.01							.05	.07	.04					.01					.01				.01	.26
TIBONE	.01	.01	.01	.04	.06	.0B	.10	.10	.07	.0B	.05	.05	.04	.06	.05	.02	.01	.03	.01	.02	.01		.01		.17
B //					.03	.02		.09	.01	.01	.01						.01								.92
HARDTON ABBEY	.06	.05	.05	.05	.01	.04	.05	.05	.06	.04	.03	.02	.02	.01	.01										.1B
ERDALE		.01	.01	.03	.02	.05		.08	.07	.05	.02														.55
ETTE																									.34
ER				.02	.03	.03	.04	.04	.01				.01	.01	.01	.01									.02
																									.20

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SARLES 3 E //														.01	.04	.02	.02	.01		.02	.06	.02			.20
5BEYENNE	.10	.10	.04	.02	.04	.05	.02	.03																	.40
TROTTERS 35	.02	.01								.04	.01														.08
WABPETON POWER PLANT		.20	.28	.22	.08	.02					.01		.01	.02				.04	.02		.02				.92
WA5BBURN WATER WKS	.04		.01		.03	.02	.07	.06	.04	.05	.07	.05		.01		.03	.04	.02			.01				.55

Table 4–Continued

HOURLY PRECIPITATION

NORTH DAKOTA
JUNE 1951

Station	A.M. Hour ending												P.M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ETTIBONE																									
AUB //		.01	.01																						
IVERDALE															.02	.01				.01	.01				.04
OLETTE																.02	.04	.01							.03
ARLES 3 E //													.19	.07	.08		.01								.07
HEYENNE		.01	.01					20						.05	.20	.01		.22	.55	.41	.08				1.39
TANLEY																			.02						.50
ASHBURN WATER WKS													.55	.01	.12										.22
ILLISTON WB CITY							.07			.04	.01	.18	.02	.01											.68
																									.26
																									.07
													–8th–												
NTLER																									
SHLEY //																.03									
REIEN												.02	.02	.03											.03
ROSBY									.01		.01	.01													.07
AWSON										.01	.01		.03	.02											.03
DGELEY EXP FARM										.01	.01														.07
ORT YATES												.01	.03	.10											.02
RACE CITY								.04	.01																.14
RASSY BUTTE												.02													.05
AZELTON R R 5TATION //														.02	.13	.05									.02
AMESTOWN CAA //		.01	.03						.03							.01									.20
ENMARE																									.04
RAMER 5 5E																									.04
ORTHGATE																	.03							.01	.01
TTIBONE															.20	.03									.03
OLETTE											.02														.23
HPETON POWER PLANT																				.02					.02
YFORD CITY 11R																.10									.02
LLISTON WB CITY														.01	.02							.01			.10
											.01		.02												.04
																									.03
													–9th–												
ZELTON R R 5TATION //																									
NMARE		.01	.01							.03															.03
																									.02
													–10th–												
HLEY //																									
WSON																	.02	.03							
GRLEY EXP FARM															.08										.05
RGO WB AIRPORT //													.05	.06	.01	.07	.08								.08
RT YATES															.45			.12	.10	.08					.27
ACE CITY		.01	.01										.07	.02	.01	.08									.75
POLEON 1 5R															.02										.20
CES															*	*	*	.07							.02
MBINA																	.01		.01	.02					.07
RLES 3 E //																		.11	.01						.04
PETON POWER PLANT																.07	.05								.12
LLISTON WB CITY																	.38			.04					.12
								.04	.02																.42
																									.06
													–11th–												
VILS LAKE WB CITY																									
RT YATES																				.04					
CE CITY		.01	.02																						.04
ND FORKS CAA //																									.03
																				.23	.04	.01	.10	.01	.11
													–12th–												.29
HANAN																									
ESTOWN CAA //																.03	.18		.01						
VILLE															.02	.02	.01								.22
OLEON 1 5E																.09	.01								.05
YENNE																.03									.10
PETON POWER PLANT										.14	.01		.01												.03
																	.01	.01							.16
																									.02
													–13th–												
LER																									
LAH																									
MARCK WB AIRPORT																			.05		.09				.14
MAN COURT HOUSE //																		.01	.05	.14	.06	.03	.01		.30
IEN																							.01	.02	.03
SON																						.01	.03	.02	.06
SON																	.33	.01		.05	.04	.06	.13	.07	.69
KINSON CAA																			.54	.21	.14	.01	.05		.95
T YATES																								.21	.21
J ULLIN																.04	.01								.05
VA 1 5 R																				.02	.01	.05	.28	.01	.37
O //							*	*	*	*	*	*	*	*	.39	*	*	*	.17	.44	.06	*	.01	*	1.07
SSY BUTTE																.03									*
CY														.04			.01		.01	.04	.01	.01			.10
LIDAY																									.05
FINGER 17N														.05	.42	.06			.02	.02	.01				.05
ARE														.04	.26	.35	.05		.02	.02					.53
ER 5 5E																	.25		.29		.03	.03			.74
AN EXP STATION																							.16	.05	.60
ARTH M D U CO																					.01		.02	.02	.21
//																			.01	.01				.01	.05
ARDTON ABBEY																	.06		.01	.03	.04	.09	.02		.03
RDALE															.03	.02	.32		.02	.04					.25
LEY																				.07	.05	.24	.07		.43
BURS WATER WKS																			.30						.43
ORD CITY 11E																					.41	.38		.01	.30
																.47	.01								.80
																									.48
													–14th–												
ON																									
AH																									
ARCK WB AIRPORT	.01	.01	.03			.02										.08	.02			.65	.15				.90
AN COURT HOUSE //	.03	.02	.02																						.07
ON																									.07
ON	.01	.01	.01													.01	.03								.04
LS LAKE WB CITY	.01	.04	.01									.20	.05	.05		.01									.34
ND			.06	.04						.01	.02					.05	.02								.13
YATES		.05																							.13
//	.01	.02										.01													.05
SY BUTTE																				.08	.13	.01			.23
LTON R R 5TATION //	.10	.20	.10	.02										.08											.03
ER 5 5E	.01	.01						.01	.01			.01													.08
N EXP STATION	.02	.02	.01																						.45
RTH M O U CO		.01																							.02
LLE																									.05
				.37	.13	.01	.01																		.01
						.10																			.02
																									.60

See reference notes following Station Index

HOURLY PRECIPITATION

Table 4-Continued

Station	A.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P.M. Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	Total
NAPOLEON 1 SE	.19	.01		.03	.01															.03					.24
OAKES																									.03
RICHARDTON ABBEY		.01																							.01
RIVERDALE	.01	.01		.01	.01	.01		.04																	.09
													−15th−												
BOWMAN COURT ROUSE //																		.02							.02
BREIEN										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GLADSTONE 22N										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAYNES 6 NE	-	-	-	-	-	-	-	-																	-
OAKES												.01	.01												.02
ROLETTE																									-
SARLES 3 E //															.04	.05									.09
													−16th−												
AMIDON				.24	.05		.01																		.3
HEACH			.04	.03																					.0
HEULAH	.03	.01			.05																				.0
BISMARCK WB AIRPORT								.03	.04	.01															.0
BOWMAN COURT HOUSE //		.03		•	•	.12	.01			.15															.1
HUCHANAN								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANDO							.05	.02																	.0
CARSON				.14	.19	.03																			.3
DICKINSON CAA									.05	.04	.04	.01													.1
EDGELEY EXP FARM															.07										.0
FARGO WB AIRPORT //																									.1
FRYBURG			.02	.13	.01																				.3
GLEN ULLIN					.08	.11	.12	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GOLVA 1 S E	•	•	•	•	•	•	•		.12	.02		.01													.1
GRACE CITY										.37	.16	.05	.02	.01											.6
GRAND FORKS CAA //																									-
GRANO //																									.1
GRASSY HUTTE			.10	.02	.06	.01																			.0
HALEY				.05	.01																				.1
HALLIDAY				.10			.04																		.4
HANNAFORD										.15	.24	.01													.0
HAYNES 6 NE								.04																	.2
BETTINGER 17N					.04	.15	.01																		.1
BURDSFIELD								.05	.05																.4
JAMESTOWN CAA //									.02	.33	.08	.01													.2
MANDAN EXP STATION							.05	.09	.06																.2
MARMARTH M D U CO			.15	.10	.01																				-
MC GREGOR RR STATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							.1
MELVILLE									.01	.06		.03													.1
MOTT					.01	.10	.04																		.0
RAUB //					.01	.02																			.1
RICHARDTON AHBEY				.04	.11	.08	.01																		.1
RIVERDALE						.05	.05	.03																	.2
SHEYENNE								.01	.05	.09				.05										.02	.1
TROTTERS 3S		.01	.01	.02	.05									.03											.1
WAHPETON POWER PLANT							.09	.01		.01															.1
WASBHURN WATER WKS				.05	.07																				.1
WATFORD CITY 11E				.06																					.1
WILLISTON WB CITY																									.1
													−17th−												
HEACH	.06	.01	.03	.02	.13	.01																			
DICKINSON CAA	.01	.01	.01			.02	.05																		
FRYBURG	.01	.01		.03	.02	.06	.01																.01	.01	.01
GLEN ULLIN																									
GOLVA 1 S E	.20																								
GRASSY HUTTE					.06	.02														.02					
MANDAN EXP STATION													.01	.02											
MARMARTH M D U CO																.04	.07								
MOTT									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RAUB //							.04															.02		.01	.01
RICHARDTON AHBEY																									
TROTTERS 3S	02	.07	.17	.06	.01			.02	.01																
WAHPETON POWER PLANT																									
													−18th−												
AMIDON								•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BELCOURT INDIAN RES														.01		.02	.04								
BOWMAN COURT ROUSE //																							.05		
HREIEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
HUCHANAN													.48	.19											
DEVILS LAKE WB CITY										.01	.02	.02	.02								.04				
EDGELEY EXP FARM															.21										
ESMOND								.11	.13	.10	.04	.02				.03									
FARGO WB AIRPORT //																								.08	
FRYHURG											.01	.01						.01	.02						
GLEN ULLIN										.02		.05	.02	.01										.12	
GRACE CITY																					.14			.01	
HALEY																								.03	
HAYNES 6 NE																									
HETTINGER 17N										.10	.01														
HURDSFIELD									•	•	•	•	•	•	.47										
JAMESTOWN CAA //								.03	.02														.04		
KRAMER 5 SE																									
MARMARTH M D U CO										.03	.04		.24												
MELVILLE									.04								04								
NAPOLEON 1 SE																	.01								
OAKES													.60		.01		.01								
PETTIBONE																				.05					
RICHARDTON AHBEY			.01															.34	.15	.02					
RIVERDALE																		.10	.04						
SHEYENNE																									
WAHPETON POWER PLANT																									
													−19th−												
ASRLEY //					.03	.14	.23	.19	.14	.14	.10	.13	.19	.09	.06	01						.08	.01	.01	1
HEACH							.02	.17	.14	.04				.02											
BEULAH							.02	.05	.08	.07	.07														
BISMARCK WB AIRPORT										.10	.03				.03	.01									
BOWMAN COURT HOUSE //	.01	.01					.06	.07	.07	.15	.04		.02	.03											1
HREIEN				.02	.04	.06	.05	.04	.03	.45	.42	.12	.02	.01	.01										
CARSON						.03						.03						.02	.07						
CROSBY							.02	.03	.03	.02		.02	.02	.01					.10						
DAWSON										.01	.01	.05													
DICKINSON CAA							.03	.12	.14	.14	.12	.06	.05	.08	.13	.06									
EDGELEY EXP FARM												.03	.06	.06	.03	.02	.01	.02	.01	.02	.01				
FARGO WB AIRPORT //																									

See reference notes following Station Index.

HOURLY PRECIPITATION

Station	A.M. Hour ending												P.M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ORT YATES	.20	.31	.01		.02	.04	.10	.12	.10	.05	.10	.04	.01	.01					-	-	-	-	-	-	-
RYBURG	.01											.02	.0B	.15											.24
LEN ULLIN							.09	.10	.11	.21	.24	.09	.02												.BB
OLVA 1 S E														.20											.20
RASSY BUTTE												.02	.52	.20		.01	.01								.7B
ALEY				.07	.03					.04							.05								.14
ALLIDAY														.11	.07										.05
ANNAFORD																									.1B
AYNES 6 NE	.02	.22	.01	.01	.01	.01	.01	.11	.06	.12	.20	.01	.03	.02	.01										.85
AZELTON R R STATION //								.04	.11	.13	.10	.02	.02		.01	.01									.44
ETTINGER 17N	.05				.02	.01	.04	.02	.02		.02	.11	.07												.3B
AMESTOWN CAA //						*	*	*	*	*	*	*	*	*	*	.30									.30
ANDAN EXP STATION									.14	.07	.06														.27
ARMARTH M D U CO							.02	.10	.22					.07	.01		.01					.0B		.01	.52
DTT						.01	.03	.02	.04	.05		.02	.02												.19
APOLEON 1 SE				.05		.02	.04	.07	.12	.19	.19	.09	.08	.08	.01										.94
AKES							.01	.05	.09	.0B	.17	.05	.12	.15	.10	.11	.07								1.00
ICHARDTON ABBEY						.02	.0B	.03	.05	.05	.02														.25
'ANLEY															.02	.01									.03
HEPETON POWER PLANT		.01	.01					.02	.02	.03		.05	.16	.08		.05	.05	.04	.09	.0B	.01		.01	.01	.72
SHBURN WATER WKS									.05	.13	.02									.05					.25
TFORD CITY 11E															.03										.03
LLISTON WB CITY													.06			.01									.07
IDON	*	*	*	*	*	*	*	.40																	.40
TLER								.01				.01	.07	.06							.01	.04			.20
HLEY //														.01	.01	.01	.02								.05
LFOUR														.01	.04	.05									.10
ACH	.01		.01	.05	.07																				.14
LCOURT INDIAN RES														.02	.02	.03	.02								.09
ULAH												*	*	*	*	*	.12								.12
SMARCK WB AIRPORT											.01	.05	.02												.0B
WMAN COURT HOUSE //		.01		.02	.04	.19	.13	.0B	.03			.01													.51
EIEN			.01					.01	.03	.06		.02		.01	.01										.15
RSON								.01	.10	.02			.01			.01		.01							.16
OSBY								.03	.09	.21					.03										.36
WSON		.01	.02															.10			.0B		.01	.01	.13
VILS LAKE WB CITY																									.10
CKINSON CAA			.01			.04	.02		.01																.0B
MOND																.12	.01								.13
TBURG		.01		.02	.02	.02	.01																		.0B
EN ULLIN								.02	.02	.04	.01	.01													.10
LVA 1 S E				.11	.04	.03							.03												.21
ACE CITY																	.01	.01	.05	.02	.01				.10
AND FORKS CAA //																					.08	.05	.01	.02	.16
ASSY BUTTE		.01	.03		.01	.03	.07	.01	.02									.02							.20
LEY		.01		.01	.03	.07	.03	.09	.09	.04	.03														.40
LLIDAY							.01		.09																.10
NES 6 NE	.01	.01	.01				.02	.01	.05	.02	.05	.05	.01	.01											.25
TTINGER 17N						.0B	.16	.13	.06																.43
DMARE										.03	.20	.17		.04		.34	.1B								.52
MER 5 SE														.01	.07			.01	.0B			.01	.02	.01	.4B
NDAN EXP STATION											.01	.06	.01					.02				.74	.28		1.19
GREGOR RR STATION		.01	.04	.12	.07	.0B	.06	.02																	.10
VILLE									.07	.16	.02		.21	.01	.02		.03								.40
T																				.37					.52
OLEON 1 SE							.10	.15	.05	.02	.01		.01												.37
THGATE														.03	.01		.03								.34
BINA								.01	.04	.10	.19	.01		.25	.04		.03			.20			.05	.02	.07
TIBONE																					.01	.06	.03		.94
HARDTON ABBEY																				.11	.04	.05			.10
ERDALE								.03	.02																.20
ER							.01	.01	.01	.04	.0B	.01	.13	.09		.31	.02			.02		.03		.01	.05
LES 3 E //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			.19					.77
NLEY																	.02				.01				-
TTERS 3S										.05	.09	.11		.17	.05										.03
PETON POWER PLANT	.01		.02	.02	.04	.07	.02																		.47
HBURN WATER WKS								.02	.01	.01															.15
FORD CITY 11E								.01	.01	.01	.03	.01				.10									.07
LLISTON WB CITY							.01	.05	.01																.17
								.06	.01		.02														.07
																									.09
FOUR																									
LAH						.01	.04																		.05
MARCK WB AIRPORT												.01						.01	.03	.01				.01	.01
IEN																		.01	.02	.01					.06
DO	-	-	-	-	-	-	-																		.04
SBY									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SON	.01																	.02	.02						.05
KINSON CAA												.01	.01		.01				.07	.02	.01	.15	.10		.38
ELEY EXP FARM				.02	.02															*	*	*	*	.33	.37
T YATES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						-
BURG										.01	.04	.10	.01	.01	.03		.15	.20							.55
SSY BUTTE																	.0B	.13	.03	.02					.26
NES 6 NE																	.05								.05
TINGER 17N	.01	.01					.01	.01									.02	.2B	.04						.34
MARE																									.04
DAN EXP STATION																.17	.33	.02							.52
T															.01	.03	.01		.02	.01					.0B
THGATE	.01											.02								.04	.01			.02	.07
HARDTON ABBEY						.01	.04	.01																	.03
ERDALE							.01	.01																	.06
ER																									.02
LES 3 E //		.01		.03	.03	.03																			.10
NLEY																									.04
TTERS 3S	.01				.01							.04							.01	.01					.04
DON																									
CH							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
COURT INDIAN RES															.02	.06									.0B
LAH							.02				.02														.04
MARCK WB AIRPORT		.02		.01	.02	.06	.01																		.12
IEN		.05	.01			.0B	.02		.01		.01	.01		.01											.20
MAN		.01					.01																		.02
DO	.01		.04	.01	.01			.01				.02	.01												.11
ON								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KINSON CAA							.01	.01	.01	.02															.05
BURG	.01	.01	.01			.01	.01																		.05
STONE 22N	-	-	-	-	-	-	-	-	-	-			.01	.01											.02
ULLIN					.03	.03	.01						.20	.55											-
														.06											.13

-20th-

-21st-

-22d-

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
HETTINGER 17N			.02							.01																.0
BURDSFIELD									.02	.02	.01	.02														.0
JAMESTOWN CAA	//													.05												.0
KENMARE																.09	.01								.01	.1
MANDAN EXP STATION		.02	.01			.02	.02	.04	.02																	.1
MC GREGOR RR STATION			.01	.02					.01	.03					.05											.1
MELVILLE															.03											.0
MOTT		.10	.12													.03	.01									.2
NORTHGATE																										.0
OAKES					.05	.01	.03	.01	.04	.01				.02												.1
PETTIBONE							.06	.05	.06	.02				.02		.01										.2
RICHARDTON ABBEY		.18	.09	.09					.01		.01															.3
RYDER																						.15	.41	.03	.09	.6
STANLEY																.04										.0
TROTTERS 3S		.01	.01																	.03	.02					.0
WATFORD CITY 11E																										.0

—23d—

AMIDON		*	*	*	*	*	*	*	.02																	.0
ANTLER		.01	.01		.01	.20	.10	.02																		.3
BALFOUR										.08																.0
BEACH		.01						.02																		.0
BELCOURT INDIAN RES								.12	.04	.01	.01					.32	.04									.1
BEULAH																										.3
BOWMAN COURT BOUSE	//													.08	.02		.02	.01								.3
DEVILS LAKE WB CITY																										.0
HALLIDAY														.08												.0
HAZELTON R R STATION	//																								.03	.0
KENMARE		.02	.01	.06	.01																					.1
KRAMER 5 SE							.04	.01																		.0
MC GREGOR RR STATION																.05										.0
MOTT																						.10	.14	.01		.2
NORTHGATE		.01	.01	.04																.04						.0
RYDER			.01	.01																						.1
SARLES 3 E	//								.12	.01																.1
WASHBURN WATER WKS																.14										.0
WILLISTON WB CITY		.05																								.0

—24th—

BEULAB																								.20	.06	.2
BISMARCK WB AIRPORT																				.03				.01		.0
BOWMAN COURT BOUSE	//																							.83	.01	.0
BREIEN																						.02	.11	.52		.1
CARSON																									.01	.0
DAWSON																						.13				.1
FRYBURG																						.23	.44		.01	.6
GLADSTONE 22N																								.18	1.04	1.3
GLEN ULLIN																					.48	.01				.5
GRASSY BUTTE																				.10						.1
HALEY																						.44				.4
HALLIDAY																					.08	.19		.01		.3
HETTINGER 17N																								.02	.04	.6
MANDAN EXP STATION																									.05	.6
MC GREGOR RR STATION												.01		.01	.01											.2
MOTT									*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PEMBINA																									.05	.1
RIVERDALE																										
ROLETTE		-	-	-	-	-	-	-	-	-	-	-	-													
RYDER		.01	.01																				.01		.01	.0
TROTTERS 3S																				.05						.1
WATFORD CITY 11E																						.08				.1
WILLISTON WB CITY																					.04	.07			.09	.2

—25th—

BALFOUR		.01	.08	.01										.07	.01		.01									.1
BELCOURT INDIAN RES														.05	.07	.01										.1
BEULAH		.01	.01					.01			.06															.1
BISMARCK WB AIRPORT		.11	.03																							.1
BOWMAN COURT BOUSE	//								.02	.01																.0
BREIEN			.02	.02																						.0
BUCHANAN				.10	.09	.01																				.2
DAWSON		.06	.15	.07	.01																					.3
DEVILS LAKE WB CITY					.11	.04							.02	.02	.02	.09										.1
ESMOND												.02	.02	.03	.01											.1
FARGO WB AIRPORT	//																	.10	.03							.1
FRYBURG								.01	.01																	.0
GLADSTONE 22N							.02			.02	.01															.0
GLEN ULLIN									.01		.01	.01	.01													.0
GRACE CITY				.11	.10			.02																		.1
GRAND FORKS CAA	//																	.33	.02							.3
GRASSY BUTTE		.01	.02										.07													.1
HALEY									.01	.03																.0
HANNAFORD					.05	.03							.05	.70	.34											1.1
HAZELTON R R STATION	//	.12	.04	.03																						.1
HETTINGER 17N							.01	.01		.04																.0
HURDSFIELD		.01	.14	.13	.06																					.3
JAMESTOWN CAA	//			.05	.10	.05							.01	.04												.1
KRAMER 5 SE																										.0
MANDAN EXP STATION		.29	.26																							.5
MELVILLE		*	*	*	*	.20																				.2
NAPOLEON 1 SE			.08	.01																						.0
NORTHGATE		.05	.02																							.0
OAKES															.03	.24										.2
PETTIBONE		*	*	.40		.01								.01	.01											.4
RICHARDTON ABBEY											.01	.07														.0
RIVERDALE		.04					.01						.05													.1
ROLETTE														.10	.05											.1
RYDER		.01	.02						.01																	.0
SARLES 3 E	//											.03			.17	.22	.05									.4
SHEYENNE			.03	.14	.16								.01	.12	.01						.04	.01				.3
WAHPETON POWER PLANT			.25	.30	.45		.01		.02										.58	.04						1.1
WASHBURN WATER WKS													.01	.03												.0

—26th—

AMIDON									*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ANTLER																					.02	.01				.0
BEACB																						.02	.04	.07	.07	.2
BELCOURT INDIAN RES																							.13	.01		.1
CANDO		-	-	-	-	-	-	-	-															.23		.2
DEVILS LAKE WB CITY																								.02		.0
FRYBURG																						.01			.02	.0
GLADSTONE 22N																								.01	.03	.0
GRASSY BUTTE																							.04	.16	.09	.2

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

NORTH DAKOTA
JUNE 1951

Station	A.M. Hour ending												P.M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
HALLIDAY																								.01	.01
KRAMER 5 SE																					.69	.02			.71
NORTHGATE																		.04	.13	.03					.20
ROLETTE																						.26			.26
SARLES 3 E //																						.02	.13		.15
TROTTERS 3S																						.03	.06	.11	.20
AMIDON	*	*	*	*	*	*	*	10																	
ANTLER																									
BALFOUR			.02																		.01	.03			.10
BEACH		.03																							.04
BELCOURT INDIAN RES	.01																								.02
BISMARCK WB AIRPORT							.01																		.03
BOWMAN COURT HOUSE //			.01	.01																		.01	.01	.01	.04
CANDO	.01						.01																		.01
DICKINSON CAA	.03	.02																							.02
FRYBURG	.02						.02																		.02
GLADSTONE 22N	.04																								.05
GRASSY BUTTE	.02	.01																							.04
HALLIDAY	.04						.01																		.04
HETTINGER 17N					.02																				.03
HARMARTH M D U CO			.07																		.02				.05
HORTHGATE																									.02
HAUB //	-	-	-	-	-	-	-	-	-	-															.07
RICHARDTON ABBEY		.02	.01																		.02				.02
ROLETTE			.01																						-
RYDER	.01	.15	.01																		.01	.01	.01		.03
ROTTERS 3S	.01																						.01	.01	.04
SHERPETON POWER PLANT										.02														.01	.19
STAFFORD CITY 11E	.04	.03																							.01
																									.02
																									.07
AMIDON																									
ANTLER																									
BASHLEY //																									
BELCOURT INDIAN RES							.03												.01	.01					.02
BENMARE		.01	.01																						.03
C GREGOR RR STATION														.01		.01									.02
CORTHGATE																									.02
EMBINA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*							.02	.02		.04
FOLETTE		.01														.22			.07						.07
FYDER	.01	.01	.01																						.22
																									.01
																									.03
HEBLEY //																									
HEACH													.02			.03									
ELCOURT INDIAN RES	.01	.01		.01	.03	.01	.0R	.02	.02				.03												.05
HULAH					.02				.01				.01	.01											.20
BISMARCK WB AIRPORT										.01	.07	.05	.02												.07
BOWMAN COURT HOUSE //								.02	.01	.01	.01		.01			.03								.01	.01
CANDO																	.05								.15
CARSON													.02	.01											.09
DEVILS LAKE WB CITY														.01	.05	.08									.05
DICKINSON CAA														.01	.05		.07	.02							.03
FORT YATES																									.14
FRYBURG															.01										.09
GLADSTONE 22N				.05	.02				.01	.01			.01	.04		.01									.01
GLEN ULLIN									.01				.04			.01	.01								.15
GRAND FORKS CAA //									.01		.01					.01	.01								.06
HANKINSON //	-	-	-	-	-	-	-	-					.02			.05									.04
HASSY BUTTE				.03	.03	.02	.01		.01		.02		.06			.04	.01	.01							.07
HEBRON 6 NE									.01						.01	.01	.03	.01							-
HELTON R R STATION //											.07	.01							.03	.02					.24
HEMARE													.05										.01		.07
HMARTH M D U CO																.02	.02		.01						.05
HVILLE																									.09
HYT																									.05
HZB //			.13										.01	.01	.01				.05	.02					.05
RICHARDTON ABBEY																									.07
RIVERDALE											.01					.01	.03	.06							.13
RLES 3 E //									.04				.04												.03
RNLEY																									.11
RTTERS 3S																									.04
STAFFORD CITY 11E			.01	.01						.01	.04	.04	.01									.06		.01	.04
STLIBTON WB CITY							.02	.01				.01	.06	.02	.03	.02									.07
										.01			.01		.01	.01									.12
																									.17
																									.04
ADON																									
BLEY //	*	*	*	*	*	*	*	.26																	
BCH														.07											.26
COURT INDIAN RES	.01	.01											.05												.07
LAB	.01	.01				.02																			.05
MAN COURT HOUSE //													.03												.04
SON																									.02	
BY																									.03
KINSON CAA	-	-	-	-	-	-	-			.15	.15	.13		.01	.01	.01	.03								.05
T YATES													.03			.02	.01	.01	.01						-
URG														.03	.03	.02	.02								.08
ISON													.10	.04	-	-	-	-	-	-	-	-	-	-	.07
STONE 22N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.14
ULLIN													.33	.07											-
SY BUTTE																.17	.01	.01							.40
Y	.01	.01					.02				.03	.01	.23	.01	.03										.19
IDAY																									.31
LTON R R STATION //													.03	.06	.05	.04									.04
INGER 17N														.02											.18
REGOR RR STATION															.05	.02	.01								.02
T CAA //	-	-	-	-	-	-	-	-	-	-	-	-	.06	-	-	-	-	-	-	-	-	-	-	-	.08
LEON 1 SE											.01	.01	.01	.01											.06
HGATE											.01	.01	.01												-
ARDTON ABBEY														.02	.01	.01									.03
LEY	.01										.05	.06	.08	.03	.06	.01									.03
ORD CITY 11E											.01		.10		.02	.01									.04
STON WB CITY																.02									.01
																									.29
																									.14

See reference notes following Station Index.

MONTHLY AND SEASONAL SNOWFALL

July 1950 to June 1951

Station	July	August	September	October	November	December	January	February	March	April	May	June	Season
Adams 7 S	T			3.0	6.5	5.0	4.4	3.0	7.5	T		T	29.4
Alexander RR Sta.			.4		3.2	-	8.9	-	-	-			-
Almont 7 SW			T	8.0	3.8	6.0	8.3	15.7	2.2	1.5		6.0	51.5
Alpha 1 S			1.0	4.0	4.5	-	2.8	11.0	T	-		-	-
Ambroee	T		-	-	-	-	-	-	-	-	-	-	-
Amenia				T	7.0	14.2	6.0	10.6	12.0	-		T	-
Amidon		T		5.0	9.0	2.0	5.5	11.5	4.0	3.0		T	40.0
Arvilla State Park			T	-	-	-	-	-	-	-			-
Ashley				1.5	3.0	1.9	14.0	16.3	4.5	1.0			42.2
Baldhill Dam				4.5	-	-	10.0	T	3.0	7.0			-
Balta				3.0	-	-	-	-	-	-	-	-	-
Bantry				T	2.0	6.0	9.0	-	4.0	-			-
Beach		T	4.0	2.0	5.2	1.8	3.8	6.0	2.0	2.5		T	27.3
Belcourt Indian Re.				2.9	6.4	4.8	3.1	2.8	4.8	8.0			32.8
Belfield				4.0	9.0	5.5	4.0	1.0	-	3.0	T	1.0	-
Berthold				2.0	-	7.4	5.2	10.2	8.0	4.0	T		-
Beulah				5.0	6.5	8.9	7.3	18.4	.7	4.0	T		50.8
Biebee	T	T		4.0	4.5	4.6	2.5	5.0	3.8	-			-
Biemarck WB City				2.2	4.0	9.9	10.9	11.8	6.4	1.5			46.5
Bismarck WB Airport	T		T	4.8	3.4	12.0	8.4	10.7	3.8	2.3			45.4
Bottineau				1.0	5.1	11.5	3.7	5.9	7.4	2.7			37.3
Bowbells					1.1	13.0	11.4	11.4	17.8	4.0			58.7
Bowbelle 5 E			T	.6	1.9	4.3	-	11.0	-	3.6			-
Bowman Court Bouee		T		5.0	7.1	-	5.9	10.7	-	3.0		4.4	-
Bowman 11 SE	-	-	-	-	-	-	-	-	-	1.0		3.0	-
Bowman 30 NNW	-	-	-	-	-	-	-	-	-	-		T	-
Burt 16 N	-	-	-	-	-	-	-	-	-	-		T	-
Butte					11.1	8.2	5.6	3.7	-	-			-
Carrington			T	4.0	12.0	5.3	10.5	-	16.8	2.5		T	-
Careon 2 SW				6.1	-	3.0	10.3	13.5	T	-		1.0	-
Cavalier				-	-	-	-	-	-	-			-
Center				5.0	3.1	-	6.0	14.5	1.1	4.0	T	T	-
Coalgate					1.5	5.4	7.3	1.2	4.0	2.0			21.4
Columbue			.5	1.0	.5	5.7	5.0	10.6	8.9	6.5		T	38.7
Cooperstown				4.0	5.2	10.4	-	-	-	-			-
Courtenay				2.5	3.0	6.8	10.8	7.0	9.7	1.0			40.8
Croeby				1.0	T	11.0	7.0	15.0	-	1.0	T		35.0
Devils Lake WB City	T			4.9	8.6	10.1	9.4	4.8	6.8	2.6			47.2
Dickineon CAA AP			T	6.2	3.6	4.5	6.1	9.6	1.6	1.7		4.1	37.4
Dickineon Exp. Sta.			T	6.5	6.0	4.2	4.5	9.5	1.5	2.3			34.5
Donnybrook					1.0	-	-	-	-	-	-		-
Drake	T		T	1.5	17.0	5.7	-	-	-	2.0			-
Dunn Center	T			2.5	7.9	5.9	6.3	14.4	4.2	4.3			45.5
Duneeitb St. Sanitarium				1.0	3.8	3.0	-	3.5	3.0	-			-
Eckman			-	-	-	-	-	-	-	-			-
Edgeley Exp. Farm				1.5	1.0	5.4	5.6	10.9	-	4.0			-
Edmore 1 W			T	5.0	8.2	6.5	8.9	7.5	1.8	-			-
Elbowoods				1.5	13.7		4.8	25.2	-	2.0		T	-
Elgin 5 S	-			3.0	5.2	3.4	13.0	14.5	T	.3	T	T	-
Ellendale				1.0	5.3	11.5	9.8	15.2	11.3	T			54.1
Epping					-	-	-	-	-				-
Fairfield 8 N				.8	4.0	2.8	-	10.5	3.5	2.8		T	-
Fargo WB Airport				1.0	4.9	7.2	5.7	12.1	11.5	2.0		T	44.4
Feesenden				4.3	14.1	-	6.9	-	-	-			-
Flasber				5.0	4.4	-	11.0	14.0	2.7	1.0			-
Flaxton			T	.2	2.4	8.7	8.6	8.0	10.5	2.3			40.7
Forbee 13 NW	-	-	-	-	-	-	-	-	-	-			-
Forman				6.3	2.5	9.0	7.7	4.4	-	1.3			-
Fort Yates				4.0	1.8	4.4	11.5	16.0	4.0	T		T	41.7
Foxbolm Wildlife Re.	T			T	1.5	10.9	14.1	12.5	9.0	5.0			53.0
Fullerton				5.2	4.8	10.0	10.8	14.5	10.1	1.4		T	56.8
Gackle				3.0	3.0	7.5	9.0	-	2.1	T			-
Garrieon	T				8.8	9.2	6.8	21.5	3.2	4.4			53.9
Glen Ullin 13 N	-		-	-	-	-	-	-	-	2.0	T		-
Golden Valley 10 S	-			3.0	-	5.5	9.1	9.7	-	T			-
Grafton State School	T			2.0	8.5	3.2	6.3	8.0	6.9	-			-
Grand Forke CAA AP				2.7	4.7	6.2	7.6	4.0	8.8	1.5			35.5
Grand Forke Univ.			T	2.0	4.7	7.0	7.2	2.2	9.5	1.0			33.6
Grand Rapids 1 N	-	-	-	-	3.7	10.2	10.5	7.0	8.5	3.8			-
Granville	T			4.5	4.5	7.5	12.5	6.0	5.5	4.5			45.0
Graeey Butte 10 N	-		.4	T	7.0	7.6	15.4	16.0	-	T			-
Grenora			.5	.5	-	4.3	-	17.3	-	-			-
Balliday			T	3.0	8.1	5.8	-	19.1	3.3	2.1		T	-
Bankineon RR Sta.				-	-	-	-	-	25.4	-			-
Bannab	T			5.0	8.5	4.3	4.1	3.4	3.4	4.7			33.4
Bansboro	-			4.0	5.2	7.2	3.2	3.0	3.7	1.0			-
Barvey Water Works				4.5	13.5	11.5	10.5	-	.5	7.5			-
Bettinger		T		4.0	4.3	.2	-	-	-	-	2.0	5.0	-
Bettinger 17 N	-	-	-	-	-	-	-	-	2.6	2.8	-	-	-
Billeboro		T		2.0	-	7.3	13.6	3.7	15.4	3.0			-
Jamestown CAA AP				3.5	8.2	12.7	11.0	12.6	10.6	2.2		T	60.8
Jamestown State Hospital				4.0	2.3	10.5	7.0	9.9	4.8	-			-
Keene	-		T	T	-	-	2.7	7.6	-	3.0			-
Kenmare				1.0	-	-	-	-	-	-			-
Kensal Wildlife Re.	T			2.0	7.8	6.0	10.9	4.7	3.9	2.0			37.3
Killdeer 8 NW			2.0	2.0	7.0	6.0	8.0	20.0	6.5	5.0			56.2
Kulm	-	-	-	-	-	-	-	-	-	-	-	-	-
La Moure				-	-	-	-	-	-	-		T	42.6
Langdon Exp. Farm	T		T	4.0	11.4	3.7	6.8	6.6	6.5	3.6			-
Lansford					-	-	-	-	-	-			-
Larimore				-	-	-	-	-	4.8	-			60.5
Leeds	T		T	7.0	10.3	13.1	11.6	8.5	10.4				-
Lefor 10 E			T	7.6	6.4	2.2	7.8	12.8	1.8	.1		-	-
Linton					5.5	9.7	10.4	15.3	1.0	-			-
Lisbon		-	-	-	-	-	-	-	-	-			-
Litchville	-	-	-	-	-	-	-	-	-	-	T	T	-
Lostwood 12 N	-	-	-	-	-	-	-	-	-	T			-
Maddock Agr. School	T	T	T			9.8	-	-	-		T	T	50.5
Mandan Exp. Sta.		T		5.8	4.9	9.8	11.1	12.1	5.7	1.5			

See reference notes following Station Index.

MONTHLY AND SEASONAL SNOWFALL

July 1950 to June 1951

Station	July	August	September	October	November	December	January	February	March	April	May	June	Season
Mandan Fort Lincoln				7.0	4.0	9.5	11.2	-	.8	4.0			
Marmarth			1.0	5.0	10.9	2.9	7.3	8.3	5.2	8.8	T	2.0	-
Martin				.3	12.0	4.0	8.3	T	2.0	-			-
Max				3.0	8.3	9.5	14.5	17.5	9.0	5.0			-
Mayville		T		2.0	5.8	7.8	10.2	3.8	7.7	2.5	T		66.8
McClusky													39.8
McHenry 5 N				3.0	11.2	11.4	12.0	12.9	2.0	2.0			
McLeod 3 E			T	2.0	4.5	6.0	6.5	2.3	3.0	.8			54.5
McVille				-	-	-	-	5.0	-	-		T	25.1
Medina 1 W				3.6	5.4	4.2	9.0	2.6	5.8	-		T	-
				3.0	-	7.0	-	8.0	1.0	3.0		T	-
Medora TRNMP													-
Minot CAA AP			.7	2.0	6.3	4.7	8.3	15.7	3.0	2.4			
Minot Exp. Farm	T	T	T	1.0	5.2	7.6	14.4	9.6	8.6	5.2		T	43.1
Moffit RR Station	T	T		1.0	3.6	10.8	11.4	5.6	3.7	5.6	T	T	51.6
Mohall				4.0	3.0	-	4.5	13.2	T	.5			41.7
				T	1.5	10.5	7.9	13.1	11.6	8.7	T		-
Montpelier			T										53.3
Mott				3.2	4.8	9.0	6.5	2.4	7.3	3.3			
Munich 4 SW	T		T	6.0	9.0	3.1	7.2	14.2	3.1	1.2			36.3
Napoleon 1 SE				3.0	9.1	5.3	4.5	5.5	3.4	-		1.0	44.8
New England				5.0	1.8	7.0	11.2	7.5	8.7	3.2			-
				6.6	4.9	3.9	7.0	12.7	T	-		T	44.4
New Rockford	T										T	T	-
New Rockford 7 WNW	T			3.0	-	-	-	-	-	-	-	-	-
New Salem 1 S				3.0	14.0	7.0	11.0	4.5	1.5	5.0			
Oonan			T	4.0	4.2	6.1	13.0	20.7	4.9	2.5	T	1.0	46.0
Ortonville	-	-	-		-	-	13.0	12.0	14.5	T			58.4
Oakes				-	-	-	-	-	-	.6			-
Park River	T			2.5	2.3	9.4	5.3	2.0	-	1.5			-
Parshall				3.0	4.0	2.6	3.5	-	1.7	1.5			-
Pembina 2 N	T		T	T	3.0	6.4	6.0	9.3	6.5	3.5	T		-
Petershurg				-	-	3.9	-	4.0	-	5.9			34.7
				4.2	5.7	5.4	7.2	8.9	5.6	-			-
Pettibone			T	3.5	4.8	10.9	12.4	9.3	3.5	3.9			-
Pingree	-	-	-	-	-	-	-	-	-	2.0		T	48.3
Portal			1.0	3.0	2.5	10.0	-	17.5	7.7	9.0			-
Powers Lake 1 N	-		.3	T	.4	8.5	9.0	15.0	-	3.5	T		-
Pretty Rock		T	4.0	9.0	7.5	7.0	14.0	23.0	-	5.7	T	6.0	-
Reeder			T	5.0	-	1.0	6.6	16.0	8.2	-			-
Reeder 14 N			T	12.0	3.5	.5	7.0	3.2	-	.2	T	4.0	-
Richardton Abbey	T			6.7	8.9	4.9	4.9	6.0	2.0	2.6	T	T	36.0
Riverdale	-	-	-	-	14.7	-	3.2	12.2	3.8	6.5			-
Rolla		T		9.0	7.1	6.7	6.0	5.9	7.0	1.1			42.8
Rugby				3.0	16.5	12.0	13.6	13.0	-	-			
Ryder			.9	2.6	4.5	-	-	7.7	-	4.7		T	-
Sanish			T	T	-	-	-	-	-	-			-
Scranton	-	-	-	-	-	-	-	-	1.5	2.5		8.0	-
Selfridge 11 W				4.0	11.4	7.2	15.3	14.5	10.5	3.0		2.0	67.9
Sentinel Butte 20 S	-	-	-	-	-	-	-	-	-	-	-	2.3	-
Sharon	T		T	2.0	4.0	7.4	10.0	3.0	6.5	4.0	T		
Sherwood			T	1.3	5.2	8.3	5.8	14.1	4.8	3.5		T	36.9
Fields					1.6	-	12.0	14.0	1.8				43.0
Stanley					-	-	10.1	18.0	17.0	6.5			-
Steele				5.0	5.0	11.8	7.0	7.5	2.0	3.0		T	41.3
Sexton	-	-	-	-	-	-	-	-	-	-			-
Sprus	T	T	.3	1.1	1.8	8.1	8.6	5.5	9.3	3.6	T		38.3
Tioga		-	1.0		2.0	-	5.5	16.3	1.4	3.0	T		-
Tioley 4 NE				1.5	1.5	9.1	9.0	10.2	1.5	2.0			34.8
Turner				4.0	2.5	9.5	12.0	10.1	7.4	3.0			
Tutters			T	T	3.7	6.0	9.5	10.3	2.4	4.0			48.5
Tuttle Lake				2.0	11.5	12.1	17.4	19.6	6.5	-			35.9
Tuttle 8 SW			T	5.0	5.0	-	10.3	6.7	-	2.0	T		-
Underwood 12 W	T			3.0	21.1	5.7	14.0	20.0	6.0	6.4	T		-
Upham 3 N	T												76.2
Valley City				-	3.0	9.6	4.8	9.8	6.6	5.3		3.0	-
Van Book			T	7.0	4.8	-	16.0	5.3	5.6	3.0		T	-
Velva			T	2.1	6.5	8.0	3.7	16.5	6.4	5.2			48.4
Verona				4.5	9.0	8.5	10.1	8.5	6.8	6.0			53.4
				5.0	4.0	-	-	-	-	-			-
Wapeton State School			T	7.0	2.5	14.2	14.6	9.0	18.5	-			-
Wahalla	-	-		3.0	9.1	-	-	-	-	-			-
Wahpick	-	-	-	-	-	-	-	-	-	-	-		-
Wahpburn			T	3.0	4.3	11.0	9.0	20.0	-	2.0	T		-
Wauga S. Dak. 8 N		T		-	.7	.1	5.2	-	1.0	T		T	-
Waford City													-
Waford			T	T	2.7	6.4	10.1	15.0	-	3.8			
Wathope	-	-	-	-	-	-	-	-	-	-	-		-
Watrose			1.0	1.0	2.0	13.5	18.0	23.5	11.5	8.0			-
Watson WB City			2.0		T	9.7	7.8	-	7.0	-	T		77.5
				.1	1.7	5.5	7.9	9.8	2.6	3.1			-
Wawow City													30.7
Wawton RR Station		T		3.3	3.3	11.5	5.0	5.0	4.5	2.5			
Webek				.4	.6	12.3	7.0	6.0	7.6	1.5			35.1
Wells 5 E					2.3	-	8.9	-	8.7	-			35.4
Wentworth	-	-	-	-	-	-	-	-	-	-	-	T	-
			T	T	-	-	-	-	-	-	T		-

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	43	47	60	67	73	71	72	71	74	77	78	79	84	77	86	76	72	74	64	67	68	66	69	73	68	78	72	68	65	89		70.
	MIN	34	32	36	39	44	51	54	43	48	49	45	51	54	58	58	51	52	51	51	48	52	49	48	49	54	45	47	40	44	49		47.
AMENIA	MAX	54	51	59	67	70	70	71	68	74	80	79	79	83	83	85	86	89	82	76	82	76	75	74	79	77	74	68	71	68	70		74
	MIN	41	43	40	36	40	47	52	54	51	41	40	49	55	58	48	51	43	48	52	52	42	50	48	51	62	54	53	44	48	51		48
AMIDON	MAX	42	41	52	61	64	71	71	68	67	72	73	74	77	84	81	85	70	70	72	65	69	61	63	70	78	66	79	62	66	60		87
	MIN	35	31	33	39	39	49	49	39	48	49	44	45	50	52	55	49	51	45	51	47	45	46	45	47	47	42	41	35	41	45		44
ARVILLA STATE PARK	MAX	54	53	63	70	69	66	72	71	70	76	76	81	85	83	85	83	79	76	70	73	70	73	74	78	74	81	78	64	66	71		72
	MIN	37	43	41	40	39	46	54	51	52	37	45	46	49	55	53	60	42	44	42	49	46	43	45	42	82	46	53	45	48	48		48
ASHLEY	MAX	47	42	59	64	68	68	67	60	71	75	74	78	82	78	80	73	75	78	61	63	70	67	65	72	75	77	63	70	67	66		68
	MIN	35	38	37	38	46	48	54	46	45	42	42	45	52	60	50	60	45	48	50	45	44	48	42	41	60	43	53	43	42	48		46
BALDHILL DAM	MAX	56	56	48	76	72	74	70	72	76	78	80		88	90	92	90	82	82	80	58	76	74	72	78	78	78	84	68	70	70		74
	MIN	42	42	40	40	44	50	56	56	50	40	44	50	50	60	82	62	42	46	48	44	50	54	42	44	58	42	54	42	44	44		48
BEACH	MAX	40	45	49	61	66	71	70	66	65	73	72	78	79	75	83	89	73	70	74	67	63	62	63	73	79	65	78	81	65	59		87
	MIN	35	33	37	39	43	48	48	39	44	45	41	47	54	50	51	49	49	44	49	39	37	48	42	49	47	42	42	39	45	46		44
BELCOURT INDIAN RES	MAX	52	50	62	67	65	59	62	61	68	70	75	79	81	79	85	80	72	68	73	65	64	70	72	73	68	75	73	58	57	70		68
	MIN	35	42	35	37	38	43	43	38	44	40	38	49	45	55	53	56	42	43	41	45	48	35	42	45	58	39	45	39	45	38		43
BELFIELD	MAX	41	51	61	66	74	76	72	64	73	74	78	81	83	85	90	79	73	78	64	69	82	64	71	77	85	79	71	87	84	71		70
	MIN	33	32	37	36	41	50	49	38	42	44	38	43	52	53	50	50	48	43	48	44	48	45	43	43	41	44	41	40	41	44		43
BISBEE	MAX	56	51	64	71	67	57	65	69	69	72	77	82	83	79	87	73	75	73	73	68	67	75	73	77	69	79	71	60	59	71		70
	MIN	33	44	39	38	37	48	53	44	47	47	43	46	50	48	55	57	52	48	47	48	49	41	50	46	58	45	48	41	45	40		48
BISMARCK WB CITY	MAX	50	47	46	61	66	71	67	71	72	74	74	77	80	84	76	86	74	75	77	64	64	65	84	69	74	68	79	63	69	67		69
	MIN	41	37	38	43	48	53	58	43	51	48	46	54	57	61	52	53	48	52	55	48	48	51	43	49	59	48	50	48	47	51		49
BISMARCK WB AIRPORT	MAX	46	46	62	68	74	67	73	72	75	78	76	83	87	78	88	75	76	78	64	65	67	63	70	78	68	80	84	89	68	72		70
	MIN	38	39	37	41	47	54	52	43	50	45	44	53	55	59	52	52	42	50	50	48	48	49	42	48	50	43	46	45	45	51		47
BOTTINEAU	MAX	59	54	50	64	71	68	59	83	64	70	70	77	82	82	80	88	73	75	74	70	63	66	71		72	66	75	55	58	61		68
	MIN	35	43	39	36	40	48	48	40	41	48	45	49	53	60	55	51	49	51	45	49	50	39	47		45	40	48	41	45	48		45
BOWBELLS	MAX	49	55	58	69	73	64	62	69	62	73	71	79	83	84	85	93	73	73	71	72	63	64	73	88	73	64	77	53	53	64		69
	MIN	30	39	37	38	39	44	50	42	42	48	41	53	55	54	57	52	42	42	48	47	44	42	47	45	44	47	44	41	44	45		44
BOWBELLS 5E	MAX	49	54	54	67	71	84	60	65	81	70	70	76	80	81	82	87	72	72	71	74	61	64	69	71	72	64	77	54	56	60		67
	MIN	30	41	36	38	39	46	49	41	42	48	42	50	58	54	57	51	48	51	42	47	43	45	41	52	55	48	44	41	42	42		45
BOWMAN COURT HOUSE	MAX	38	42	60	66	72	71	79	77	70	74	75	82	78	80	88	86	70	74	72	64	62	64	68	80	76	78	76	66	66	64		70
	MIN	31	31	33	36	41	50	48	42	41	44	44	46	51	51	51	50	47	45	50	48	45	45	45	45	47	41	41	38	40	48		43
BUTTE	MAX	49	49	63	70	67	60	66	67	72	71	78	85	83	79	87	75	73	73	69	67	63	70	72	75	69	80	77	63	62	70		70
	MIN	36	40	37	43	47	50	53	44	47	52	45	55	56	60	59	55	58	56	58	48	50	46	49	50	56	47	46	45	45	47		49
CARRINGTON	MAX	58	51	43	63	88	67	63	66	69	70	73	74	81	84	80	85	73	76	73	63	69	87	68	71	77	71	79	61	64	64		69
	MIN	48	38	38	42	40	40	52	45	47	49	42	44	51	53	52	60	47	48	49	45	46	49	44	43	45	46	50	44	45	43		48
CARSON 2 S W	MAX	40	47	62	67	72	73	74	70	74	75	76	81	84	75	85	81	70	75	73	65	65	64	70	75	68	79	65	68	66	64		70
	MIN	31	30	32	37	42	50	53	45	45	46	40	46	55	50	53	51	53	58	52	38	45	50	44	45	45	42	47	40	42	50		45
CAVALIER	MAX	56	63	62	71	71	67	71	69	69	70	78	81	86	83	86	84	79	79	77	78	73	78	76	79	79	81	72	72	70	71		74
	MIN	32	43	41	42	40	47	53	47	53	42	48	42	49	55	55	81	47	42	45	49	55	47	44	42	60	44	45	43	46	45		46
CENTER	MAX	48	46	61	68	69	64	70	68	72	71	75	80	82	78	87	80	74	75	71	68	84	65	68	73	69	78	71	68	65	77		70
	MIN	35	35	34	39	42	40	50	38	48	42	45	50	48	48	52	52	40	43	50	44	39	51	41	52	53	41	47	42	44	44		44
COOPERSTOWN	MAX	52	50	59		70	89	69	73	69	75	74	80	85	71	75	70		66	60	61				69			67	55	54			67
	MIN	38	39	37		38	49	41	48	48	42	43	49	51	58	52	57	43	48	46	45	44	50	41	44	58	43	50	42	44	44		45
CROSBY	MAX	49	56	59	72	74	66	64	67	68	75	70	81	84	82	85	90	74	74	75	75	82	67	68	73	74	61	80	53	57	60		69
	MIN	29	37	31	37	40	43	50	42	43	48	45	48	53	55	55	53	48	51	45	51	49	42	44	50	50	43	42	42	43	45		45
DEVILS LAKE W B CITY	MAX	52	48	60	68	68	58	67	68	68	73	75	80	84	79	85	72	77	71	70	69	66	71	71	77	69	80	57	82	60	70		69
	MIN	35	39	40	44	44	49	55	47	48	47	45	51	54	59	57	56	49	48	47	48	49	44	50	49	52	50	48	44	46	42		47
DICKINSON CAA	MAX	42	47	60	65	70	73	70	68	72	72	76	78	80	82	88	72	73	74	60	66	62	65	70	75	68	78	62	67	64	62		68
	MIN	32	32	36	38	40	50	40	39	45	48	41	48	54	53	56	50	52	47	45	45	45	47	45	48	43	42	43	41	43	44		44
DICKINSON EXP STATION	MAX	43	44	50	63	67	71	75	72	67	73	73	76	80	82	84	90	74	74	77	63	67	64	65	73	76	64	80	62	66	63		69
	MIN	36	33	35	38	38	38	51	38	45	43	37	43	54	52	54	52	50	45	54	42	46	50	45	48	49	40	44	39	41	49		44
DRAKE	MAX	50	50	57	62	69	68	60	65	66	70	72	75	80	83	80	87	70	73	72	68	63	63	69	73	75	75	80	58	63	62		68
	MIN	37	40	41	42	45	50	50	44	46	51	47	53	54	61	58	56	47	49	54	47	51	47	48	46	48	46	48	46	47	45		48
DUNN CENTER	MAX	42	45	48	65	68	72	74	71	67	73	73	78	82	81	84	89	75	76	77	65	68	62	69	77	77	67	80	62	66	66		70
	MIN	35	37	36	38	41	47	51	38	43	44	37	41	55	50	49	52	47	43	47	41	45	46	44	45	50	42	43	40	45	48		44
DUNSEITH ST SANITARIUM	MAX	53	52	63	70	67	60	61	59	68	69	75	79	81	80	86	84	73	72	74	66	66	70	72	72	71	75	74	56	56	72		69.
	MIN	37	42	35	38	39	42	51	46	46	43	42	48	53	60	53	57	47	49	44	49	49	41	44	47	52	41	38	40	46	42		45.
ECKMAN	MAX	54	58	65	72	68	68	67			74	78	82	83	80	81	80	75	75	75	65	66	72	75	69	69	78	67	60	60	69		70.
	MIN	37	38	40	40	45	52	43	44	49	44	48	54	58	57	59	57	50	43	47	51	43	48	51	48	46	48	43	47	41	48		47.
EDGELEY EXP FARM	MAX	52	47	45	58	66	69	68	70	69	72	77	73	79	82	77	82	75	78	81	65	68	72	66	66	74	77	79	65	71	68		69.
	MIN	37	36	37	39	38	44	52	45	48	43	44	46	45	55	49	58	43	47	48	47	46	48	42	43	56	45	52	48	44	49		45.
EDMORE 1 W	MAX	54	51	60	67	67	59	69	66		72	75	78	82	79	84	73	78	70	73	69	67	73	73	77	68	78	65	60	63	69		69.
	MIN	31	39	39	40	37	46	53	52							51	57	43	42	42	44	49	40	41	46	53	46	49	41	45	39		44.
ELBOWOODS	MAX	55	50	68	72	70	69	72		73	71	77	84	86	82	90	75	73	75	71	63	64	75	72	78	69	80	68	64	67	71		71.
	MIN	40	36	42	44	47	56	56		44	52		51	58	59	57	51	50	54	54		55	46	47	46	54	48	42	44	46	46		49.
ELLENDALE	MAX	48	46	58	65	70	70	70	70	75	76	75	80	84	80	82	79	79	82	89	70	75	69	65	74	82	80	75	73	71	72		72.
	MIN	37	40	39	39	44	47	53	55	49	46	45	49	50	60	56	58	48	49	52	48	47	43	48	48	61	45	56	44	47	53		48.
EPPING	MAX	54	60	71	74	70	75	69	67	76	74	82	86	84	88	93	85	76	77	74	66	65	74	77	82	79	80	61	61	60	68		73.
	MIN	32	41	34	40	45	51	47	39	39	48	41	50	56	50	55	53	52	54	46	45	48	41	43	52	51	44	42	42	46	48		45.
FARGO WB AIRPORT	MAX	54	47	57	66	70	72	73	72	74	77	72	81	84	85	83	79	78	79	61	73	72	73	75	80	72	81	67	71	68	70		72.
	MIN	42	43	42	39	45	50	54	54	49	42	48	50	55	63	60	55	48	54	49	47	51	51	45	49	57	48	48	44	44	50		49.
FESSENDEN	MAX	48	46	69	66	65	57	67	66	69	69	72	78	82	77	84	75	72	73	69	67	63	63	69	74	66	77	75	61	61	68		68.
	MIN	33	34	36	42	42	51	54	44	47	45	48	51	55	59	64	59	54	48	51	47	49	47	46	49	48	47	49	46	46	45		47.
FORMAN	MAX	50	47	55	66	71	73	71	70	73	78	74	81	85	82	82	80	75	69	71	76	79	69	77	78	81	78	76	71	69	71		72.
	MIN	39	43	40	35	41	44	50	54	49	44	46	46	56	56	56	57	56	53	46	49	54	44	48	48	55	45	55	40	43	50		48.
FORT YATES	MAX	45	48	62	66	71	72	72	72	64	77	74	78	82	72	84	81	75	78	74	62	60	66	66	73	73	80	71	71	69	70		70.
	MIN	37	36	44	41	48	55	51	42	49	45	43	47	48	47	55	59	45	50	53	45	46	52	43	48	59	45	49	43	45	52		47.

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

NORTH DAKOTA
JUNE 1951

Station		Day of month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FOXHOLM WILDLIFE REF	MAX	55	55	67	73	71	58	71	65	73	72	79	84	85	85	92	89	76	75	74	64	86	72	75	79	77	79	78	59	80	71		72.6
	MIN	35	43	39	44	41	47	52	44	45	45	42	51	52	55	58	57	49	50	42	51	50	40	47	44	56	47	46	48	46	45		47.0
FULLERTON	MAX	48	46	57	67	73	72	72	70	73	78	75	84	85	80	83	74	78	79	59	68	73	69	87	75	80	78	71	72	86	72		71.5
	MIN	37	42	39	39	41	46	53	60	53	49	50	51	45	59	58	58	47	54	52	48	48	58	48	53	61	61	53	43	47	54		50.2
GACKLE	MAX	45	44	60	67	68	69	69	72	74	78	73	78	83	73	83	79	78	79	70	69	70	69	66	75	73	78	74	69	67	75		70.9
	MIN	35	37	38	38	42	47	54	48	47	46	48	48	48	57	57	54	51	47	55	47	47	51	48	46	54	54	51	45	44	45		47.8
GARRISON	MAX	47	50	63	68	66	68	68	66	72	72	77	81	83	79	88	73	73	77	69	64	63	69	73	75	68	79	58	64	64	71		69.6
	MIN	38	38	38	42	43	51	46	43	46	53	45	51	56	60	58	54	53	52	50	47	50	50	48	48	47	45	45	43	46	45		47.7
GRAFTON STATE SCHOOL	MAX	56	55	60	71	70	70	70	71	70	75	75	79	84	85	88	86	80	72	72	74	75	71	75	72	80	77	82		63	66	72	73.1
	MIN	40	43	41	41	40	48	54	53	51	42	45	41	53	59	55	64	46	45	44	49	53	44	47	45	61	46	52	45	47	45		48.0
GRAND FORKS CAA	MAX	54	53	61	70	74	68	72	74	71	79	75	84	86	85	86	74	81	78	70	75	72	73	76	82	69	80	64	63	64	70		72.8
	MIN	39	41	40	39	41	49	56	56	45	41	45	49	52	58	56	54	46	49	48	47	51	47	46	46	54	47	47	46	46	47		47.6
GRAND FORKS UNIVERSITY	MAX	54	54	59	69	70	68	72	72	72	71	74	80	85	84	85	73	72	71	68	73	71	73	73	78	69	80	73	84	66	70		71.4
	MIN	39	43	40	40	42	49	55	58	52	43	45	50	53	58	55	61	47	49	48	47	49	48	46	47	61	47	52	46	46	47		48.8
GRAND RAPIDS 1N	MAX	50	46	60	64	71	70	72	70	78	74	82	85	81	84	82	72	79	79	68	70	73	69	70	79	82	80	74	71	69	72		72.5
	MIN	39	38	39	41	39	44	56	51	42	46	48	47	58	61	52	49	46	52	49	46	48	51	49	45	59	44	46	38	44	54		47.4
GRANVILLE	MAX	53	50	63	68	63	57	66	61	59	68	77	81	84	78	87	80	73	73	72	65	64	70	71	70	69	80	76	62	62	71		69.1
	MIN	37	42	38	46	43	48	49	43	44	49	44	50	54	48	45	53	49	54	50	48	52	45	48	58	47	47	45	48	48	45		47.2
GRENORA	MAX	55	60	75	70	71	75	70	68	74	70	73	80	70	82		80		74	74	60	66	70	74	80	72	77	60	59	56	55		69.6
	MIN	32	40	42	47	37	36	46	41	43	51	47	51		40		50	50	45	45	49	46	39	42	55	47	41	40	40	40	41		43.7
HANKINSON R R STATION	MAX	63	52	54	56	65	70	73	70	68	73	77	74	83	85	83	84	84	78	85	60	75	75	73	73	78	75	81	66	74	70		72.6
	MIN	28	42	41	37	43	47	51	56	50	47	48	51	52	57	55	59	50	56	53	49	55	58	48	52	51	50	57	42	49	53		49.6
HANNAH	MAX	56	51	62	70	66	60	64	64	67	71	74	82	82	80	85	83	72	71	75	69	72	72	71	75	71	76	74	58	59	68		70.0
	MIN	30	41	40	43	38	44	52	45	46	47	40	43	43	58	56	55	47	45	45	44	49	37	45	47	59	56	47	42	44	39		45.6
HANSBORO	MAX	55	50	66	73	67	57	65		67	70	77	80		82	88	76	74	72	75	65	69	76	73	77	69		71	60	57	72		69.7
	MIN	31	42	36	39	34	43	47		39	46	38	44		48	57	52	47	43	44	44	48	36	44	43	54		42	40	42	36		42.9
HETTINGER	MAX	43	44	59	65	72	74	72	73	72	75	73	76	80	78	87	84	67	74	86	65	64	64	68	77	70	77	72	72	68	70		70.0
	MIN	33	31	36	35	41	51	49	43	45	49	42	46	51	57	59	52	52	47	52	49	47	40	41	48	51	45	45	39	40	49		45.5
HILLSBORO	MAX	56	54	60	68	72	68	72	73	72	75	74	82	85	84	85	79	81	80	64	76	73	75	75	80	72	82	70	69	69	72		73.2
	MIN	40	41	39	36	38	42	43	46	50	54	43	51	56	60	55	61	56	54	45	45	48	49	47	48	49	46	45	41	47	48		47.4
HOMESTOWN CAA	MAX	50	44	59	66	70	68	69	70	73	78	75	80	83	79	83	73	77	73	59	69	67	65	68	75	74	79	63	68	65	72		69.8
	MIN	41	39	39	38	38	50	56	48	47	42	45	47	49	48	53	50	43	50	50	46	49	47	41	43	51	49	45	47	47	47		45.9
HOMESTOWN STATE HOSP	MAX	49	46	59	68	68	68	69	71	71	78	74	80	83	79	86	81	78	74	67	69	67	64	67	75	75	81	75	68	66	72		70.9
	MIN	41	39	38	42	39	51	57	50	51	43	47	49	52	57	53	55	45	50	52	48	49	53	44	44	59	47	53	44	47	47		48.2
HUNSMARE	MAX	50	57	56	70	74	65	60	68	63	73	72	80	85	84	85	92	74	75	75	76	63	65	71	76	74	64	79	56	42	57	60	70.0
	MIN	32	38	40	42	39	42	50	44	44	49	43	52	57	56	60	53	51	52	44	51	47	46	49	60	53	47	45	42	45	45	45	47.3
HUNSAL WILDLIFE REFUGE	MAX	52	49	64	68	69	67	68	72	72	78	77	83	83	81	85	82	80	74	72	69	70	69	72	75	76	80	72	69	68	74		72.3
	MIN	40	40	37	40	39	51	55	42	46	41	41	45	50	55	48	55	40	44	44	45	46	48	40	40	58	43	49	43	44	42		45.0
HUNGDON EXP FARM	MAX	56	54	60	69	69	62	68	65	69	71	73	77	82	79	85	81	74	73	75	74	67	73	72	75	72	76	73	59	61	63	69	70.5
	MIN	29	41	39	40	38	44	52	42	47	44	40	43	53	53	55	56	46	46	43	45	48	40	44	44	57	46	47	41	43	38		44.8
KILMORE	MAX	58	51	60	69	70	67	73	72	70	75	73	82	84	83	85	79	80	78	70	73	69	72	75	80	76	83	79	65	66	72		73.0
	MIN	39	41	40	41	38	48	55	51	50	41	46	50	51	53	52	60	49	45	46	50	48	46	48	48	61	44	52	45	47	40		47.5
KIDS	MAX	53	51	66	70	70	57	65	67	73	74	78	83	85	81	88	84	78	73	71	68	67	74	74									71.7
	MIN	35	40	40	43	44	47	53	42	45	42	42	46	47	60	56	57	47	46	49	45	48	40	46	50							41	46.0
KILTON	MAX	45	48	65	67	72	67	71	74	75	80	76	78	84	80	84	78	75	80	73	60	71	66	67	74	73	80	67	71	69	71		71.4
	MIN	39	39	40	42	49	52	56	43	46	42	43	44	56	60	55	61	45	50	42	45	44	54	42	45	61	43	52	43	43	53		47.6
KIRBON	MAX	51	51	49	59	68	70	72	69	73	74	78	75	83	83	81	82	80	79	79	61	72	74	70	73	78	81	55	81	67	72	70	71.8
	MIN	46	41	41	36	37	46	53	54	49	39	46	45	51	56	54	59	45	45	55	48	46	55	41	48	62	58	58	41	47	53		48.4
KNOWOOD 12N	MAX	52	54	66	69	68	63	70	66	70	70	76	79	80	81	88	78	71	72	74	61	62	68	71	74	68	78	71	56	57	65		69.3
	MIN	31	47	32	51	54					46	43	50	53	54	57	55	50	50	43	48	48	42	45	50	52	43	41	41	45	44		46.7
KOCK AGR SCHOOL	MAX	49	49	63	71	66	56	66	66	70	73	76	83	83	79	87	85	76	73	70	70	67	72	74	75	68	79	71	64	61	71		70.4
	MIN	35	41	38	40	40	51	54	42	45	45	42	49	49	58	52	56	43	46	47	44	47	43	43	44	58	47	49	44	46	41		46.0
KOHLOAN EXP STATION	MAX	49	45	49	61	67	73	68	71	70	72	75	75	81	85	76	87	71	75	76	65	65	66	64	69	74	69	79	62	68	66		69.1
	MIN	40	38	36	39	45	52	54	41	52	46	44	52	55	58	51	53	45	50	55	46	48	50	44	46	59	44	49	43	46	49		47.7
KOHLOAN FT LINCOLN PARK	MAX	46	45	64	75	72	69	73	75	75	77	75	83	85	79	91	75	77	80	74	69	67	69	75	76	69	82	76	70	70	73		72.9
	MIN	37	35	35	37	45	51	54	40	47	45		51	56	59	52	54	45	51	55	48	46	50	54	51	59	42	47	53	45	45		48.1
KOHLMARTH	MAX	38	47	62	66	74	72	68		72	77	76		78	92	89	85	70	75	70	64	63	74		81	77	81	67	68	64	69		71.1
	MIN	33	33	34	45	46	47	48		45	40	38		49	51	50	53	53	47	50	50	47	46		50	50	42	45	44	42	51		45.5
	MAX	49	47	63	68	60	63	67	65	72	71	77	82	82	79	89	71	74	73	65	69	64	61	70	71	73	68	79		65	63	73	69.2
	MIN	39	38	40	44	48	52	43	47	50	46	51	55	60	58	56	54	53	55	69	48	50	50	48	50	52	44	47	43	46	46		48.6
KOHLVILLE	MAX	57	51	59	69	70	69	71	72	72	76	73	79	82	84	85	79	78	77	69	74	71	73	74	80	45	70	81	73	67	66	70	72.4
	MIN	40	41	40	41	41	43	46	43	50	48	47	51	51	57	53	60	47	49	48	48	49	50	47	45	63	46	53	47	48	47		48.0
KOHLUSKY	MAX	47	44	62	67	68	63	68	65	70	70	75	80	83	79	88	85	73	73	72	71	66	68		78	89	81	79	66	62	69		70.4
	MIN	38	38	37	40	45	51	54	45	47	49	46	52	53	61	55	53	48	52	56	47	54	51	47	47	59	45	49	44	44	47		48.5
KOHLENRY 5 N	MAX	50	47	59	66	67	63	67	69	67	73	72	78	82	79	83	77	79	70	67	69	65	67	70	75	71	78	70	63	62	70		69.2
	MIN	35	38	37	42	39	51	54	44	48	47	43	49	52	57	53	56	44	49	48	46	42	46	44	45	58	45	50	42	44	43		46.4
KOHLEOD 3 E	MAX	52	49	58	67	70	72	73	72	73	80	75	82	82	80	83	79	78	81	65	71	75	72	73	78	78	80	74	71	70	78		73.0
	MIN	41	43	40	34	41	47	52	53	48	43	50	47	50	59	56	53	47	51	50	47	49	55	44	47	60	64	55	41	47	43		48.7
KOHLRA T R N M P	MAX	47	51	64	68	72	74	72	69	75	73	79	82	81	86	92	90	75	77	73	68	63	69	77	81	78	81	78	66	63	68		73.1
	MIN	35	34	35	37	40	53	48	36	42	37	35	40	54	50	46	54	52	40	46	47	49	40	43	50	47	38	45	43	46	50		43.7
KOHLT CAA	MAX	53	49	65	70	65	58	66	65	72	71	78	81	80	80	88	72	73	73	71	62	62	70	72	74	67	80	57	60	60	70		68.8
	MIN	36	42	41	45	46	49	48	45	45	50	45	56	57	59	62	57	55	54	50	48	50	43	53	48	50	50	47	44	48	44		48.9
KOHLT EXP FARM	MAX	51	51	64	69	67	60	67	65	71	72	78	81	82	80	87	85	73	73	72	64	68	62	68	72	75	69	80	76	61	62	69	70.2
	MIN	35	41	39	41	42	49	50	43	45	48	45	54	56	57	67	55	52	50	50	48	50	43	49	48	55	61	47	45	46	44		48.5
KOHLL	MAX	56	54	66	71	68	56	68	63	72	72	79	80	83	82	89	74	73	75	74	65	70	72	74	75	67	77	71	58	60	69		70.4
	MIN	33	41	42	40	38	46	51	43	44	50	47	50	51	58	53	53	53	44	50	50	45	50	47	48	56	47	45	42	46	42		46.8
	MAX	41	46	61	65	72	75	73	70	73	76	74	77	83	76	88	74	71	75	63	67	66	64	69	75	67	79	67	67	65	62		69.4
	MIN	32	32	36	37	39	50	51	40	44	42	39	44	52	55	52	50	47	46	52	45	43	48	42	46	52	40	45	39	39	49		44.3

See reference notes following Station Index

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MUNICH 4 SW	MAX	54	50	62	69	66	59	64	65	68	72	75	77	81	76	85	80	75	70	73	67	65	71	71	75	66	77	73	59	62	70		69.
	MIN	31	41	39	41	38	46	52	43	46	45	40	44	51	58	44	56	48	47	45	46	49	40	45	44	59	45	48	41	44	38		15.
NAPOLEON 1 SE	MAX	42	44	60	65	68	65	68	71	73	80	75	78	82	78	80	79	75	80	69	63	69	64	65	71	74	76	75	68	67	68		69.
	MIN	38	38	35	39	42	49	56	43	48	43	45	51	50	59	51	61	44	47	53	47	46	51	40	42	59	46	50	43	45	49		47.
NEW ENGLAND	MAX	41	47	61	65	70	74	71	68	73	74	77	78	80	80	89	72	70	74	64	65	60	64	72	77	75	79	76	68	63	61		69.
	MIN	32	32	32	37	40	51	50	38	45	40	45	43	46	54	49	50	49	47	52	44	46	45	44	46	47	39	43	40	42	44		43.
NEW SALEM 1 S	MAX	45	50	53	65	70	66	74	70	72	72	75	80	75	78	85	82	80	75	79	69	63	69	70	75	73	78	72	68	70	73		70.
	MIN	33	31	34	44		40	52	43	46	41	43	53	47	51	56	53	52	51	48	48	46	43	45	47	42	43	44	42	41	42		44.
OAKES	MAX	50	49	46	55	64	68	72	70	69	71	77	72	80	83	79	83	75	77	80	59	70	72	67	67	75	80	77	69	70	66		69.
	MIN	38	32	40	34	41	46	55	55	49	41	46	47	49	58	55	57	47	57	51	47	48	52	44	48	61	45	46	40	45	52		47.
PARK RIVER	MAX	56	55	57	70	70	68	70	70	70	75	75	79	84	83	86	85	79	74	74	74	69	74	74	78	73	81	80	62	67	71		72.
	MIN	36	42	41	44	41	48	52	51	52	45	45	49	55	55	59	64	48	48	49	52	51	43	48	47	59	49	53	45	48	46		48.
PARSHALL	MAX	51	54	64	69	68	67	70	67	74	74	79	81	83	82	91	79	75	75	75	67	62	71	72	76	70	81	79	64	64	70		71.
	MIN	34	39	37	39	39	50	49	41	42	45	37	43	52	53	51	53	48	48	47	42	47	38	48	47	50	42	44	42	44	43		44.
PEMBINA 2N	MAX	59		65	68	71	74	70	67	74	75	72	72	69	84	80	81	79	78	76	76	73	72	75	78	78	79	79	67	65	74		73.
	MIN	48	39	37	42	40	44	48	48	52	50	41	41	42	43	59	56	51	44	45	48	51	38	42	52	54	46	51	46	51	44		46.
PETERSBURG	MAX	52	52	62	70	72	66	69	69	70	75	69	79	83	81	85	82	79	76	74	74	74	72	74	77	66	80	72	63	64	71		71.
	MIN	35	40	38	40	42	53	51	48	48	45	53	59	54	60	56	62	44	48	50	52	50	46	45	48	49	44	45	44	44	41		47.
PETTIBONE	MAX	49	44	59	65	67	62	68	70	71	75	75	80	83	82	85	74	76	75	66	65	66	64	66	72	73	77	70	66	64	70		69.
	MIN	39	38	38	39	46	50	57	51	47	46	45	51	52	60	56	55	46	51	52	46	51	50	46	45	47	46	50	44	44	45		47.
PORTAL	MAX	50	56	57	69	72	64	64	70	62	72	70	82	84	85	86	90	73	74	74	70	60	67	72	72	73	63	77	51	56	60		69.
	MIN	31	42	34	40	40	45	50	42	39	44	45	52	54	53	56	53	48	50	44	49	48	44	45	54	53	46	42	41	44	41		45.
POWERS LAKE 1N	MAX	53	55	67	73	65	66	70	60	70	69	73	75	75	78	89	78	72	71	71	62	60	68	71	73	71	76	72	53	58	64		68
	MIN	30	41	36	39	36	48	45	41	38	47	39	47	47	48	49	55	50	48	38	42	43	39	54	49	45	44	42	41	45	42		43
RICHARDTON ABBEY	MAX	42	45	64	68	72	76	72	68	74	72	79	80	84	79	89	86	74	76	73	67	64	67	72	73	72	78	74	66	65	68		71
	MIN	33	31	36	39	43	50	52	41	47	47	42	50	59	55	56	51	52	49	51	46	47	48	45	48	51	42	44	40	41	49		46
RIVERDALE	MAX	47	50	62	69	71	67	69	67	71	71	76	81	83	79	87	79	73	74	68	65	62	67	69	74	69	79	70	65	63	69		69
	MIN	37	39	37	41	43	51	52	41	48	51	47	50	54	59	57	53	50	51	54	46	50	49	48	48	52	45	47	44	47	47		47
ROLLA	MAX	55	49	64	72	63	59	63	62	69	70	76	80	82	79	87	79	73	70	73	63	69	70	70	74	69	76	73	58	57	70		69
	MIN	34	43	37	41	38	35	50	42	48	47	43	48	48	55	57	54	52	49	50	47	48	41	47	45	46	42	47	41	45	42		45
RUGBY	MAX	54	54	63	70	69	59	64	84	70	75	77	82	84	82	88	86	78	73	71	62	65	71	77	79	74	80	76	60	59	71		71
	MIN	36	43	40	46	43	48	41	44	46	50	46	52	56	61	52	56	52	50	52	46	51	46	49	49	57	48	48	44	48	42		48
SANISH	MAX	52	51	63	69	72	70	70	68	66	74	72	79	82	88	85	93	75	75	74	70	64	66	73	76	80	65	82	59	62	65		71
	MIN	35	39	35	40	42	49	49	41	42	46	40	41	50	51	50	55	46	46	46	41	49	36	41	46	51	44	38	41	41	43		43
SHARON	MAX	51	50	60	65	66	64	68	67	70	76	74	78	82	78	81	73	75	75	65	71	68	70	71	75	68	76	58	64	65	70		69
	MIN	38	40	38	40	42	48	55	50	48	46	46	52	55	51	55	60	50	52	50	48	46	50	45	50	52	46	47	44	46	51		48
STANLEY	MAX	52	54	68	72	66	72	66	62	71	70	77	82	82	82	90	73	74	74	77	63	71	72	72	76	62	78	58	68	58	69		70
	MIN	34	38	35	38	39	36	42	39	42	46	43	47	50	52	56	48	49	48	49	45	48	43	45	46	45	43	41	42	41	42		43
STEELE	MAX	47	55	58	69	71	67	70	70	69	75	76	81	83	79	83	75	75	74	70	65	66	64	74	70	70	78	73	68	66	72		70
	MIN	39	36	37	38	43	50	51	42	48	47	45	50	52	59	54	55	45	49	52	45	48	45	42	50	58	48	49	41	43	42		48
TOWNER	MAX	54	52	68	69	71	57	65	65	72	74	78	83	84	84	90	86	73	74	75	65	69	73	74	73	70	82	70	62	67	66		71
	MIN	36	40	41	40	42	48	51	44	46	49	44	49	54	59	57	54	49	40	48	47	50	43	47	49	57	44	48	49	47	42		47
TURTLE LAKE	MAX	47	48	63	67	67	65	67	65	71	72	76	80	82	78	87	82	73	74	67	64	63	67		74	69	79	75	65	64	70		69
	MIN	39	39	37	41	43	50	52	45	47	50	48	51	56	60	56	52	47	53	51	47	53	50		47	55	45	48	44	45	50		48
UNDERWOOD 12 W	MAX	48	51	66	64	61	70	70	67	75	74	78	82	85	78	89	82	75	76	73	67	67	69	73	77	70	81	72	68	68	73		7
	MIN	39	40	36	38	40	51	59	40	51	50	41	47	49	60	55	54	47	49	53	44	51	49	49	45	50	48	48	46	45	46		4
UPHAM 3N	MAX	54	53	67	74	69	62	65	66	72	74	79	84	84	82	88	83	73	74	76	68	70	75	73	75	74	83		61	61	73		7
	MIN	37	43	37	39	42	47	49	40	41	48	44	50	51	59	55	58	50	50	47	46	50	44	45	48	58	44	44	42	45	40		4
VALLEY CITY	MAX	53	47	60	68	70	71	70	68	72	77	74	80	85	83	85	85	78	75	68	73	70	70	70	78	79	80	72	69	67	71		7
	MIN	43	41	40	38	37	51	53	53	54	40	49	49	47	60	55	59	44	50	49	48	48	47	42	45	62	43	51	44	47	50		4
VAN HOOK	MAX	53	54	66	71	69	68	71	72	75	73	80	84	85	85	93	92	77	76	70	68	64	71	73	80	72	81	79	62	64	68		7
	MIN	36	41	40	39	42	52	51	40	46	42	39	47	55	54	54	55	49	49	49	44	50	40	49	47	52	44	45	44	46	44		4
VELVA	MAX	51	51	65	69	67	59	65	65	71	71	75	78	82	80	87	87	73	72	70	63	62	70	71	74	73	78	75	62	60	70		6
	MIN	38	41	39	46	45	50	52	45	46	51	44	55	58	60	57	55	50	49	50	48	51	45	48	47	56	48	46	45	47	48		4
WAHPETON STATE SCHOOL	MAX	55	53	57	65	69	72	72	70	73	77	73	80	83	84	82	85	76	81	64	73	73	71	73	77	77	78	77	71	71	71		7
	MIN	43	44	42	38	44	49	53	56	50	43	49	50	54	80	59	61	47	55	53	47	55	57	45	49	60	49	58	44	46	50		5
WASHBURN	MAX	47	47	63	68	71	68	67	68	72	72	76	80	83	77	87	77	73	72	74	68	64	67	69	73	68	79	76	67	66	71		7
	MIN	40	39	37	42	45	51	54	43	48	49	47	52	55	61	56	53	49	50	52	48	50	53	48	48	56	47	46	44	47	49		4
WATFORD CITY	MAX	52	57	65	68	71	76	71	66	75	72	81	84	81	85	92	79	78	76	69	70	65	74	76	81	71	81	64	65	64	66		7
	MIN	33	39	34	42	44	52	51	39	46	49	41	46	55	52	54	52	55	44	53	44	49	43	47	51	50	48	41	41	46	47		4
WESTHOPE	MAX	59	56	67	71	69	59	67	65	75	70	82	83	85	83	90	75	78	77	77	65	67	73	73	76	68	81	60	61	60	73		7
	MIN	34	44	40	41	41	48	53	44	42	51	47	52	53	60	58	55	53	54	47	51	49	45	50	53	50	47	46	42	46	41		4
WILLISTON WB CITY	MAX	54	59	67	70	70	73	69	67	75	70	80	83	80	85	90	74	74	74	71	63	63	72	73	79	61	80	58	61	60	63		7
	MIN	3[illegible]	43	38	45	47	54	48	44	49	52	44	51	59	54	58	53	52	52	48	49	50	42	44	58	50	47	44	43	48	49		4
WILLOW CITY	MAX	54	50	65	73	68	68	65	65	72	73	79	83	84	82	89	78	77	75	74	64	65	78	75	76	70	79	67	61	62	61		7
	MI[illegible]	35	44	39	39	38	46	47	43	45	49	41	48	49	56	52	52	48	46	43	46	46	41	47	43	56	47	47	42	42	41		4
WILTON RR STATION	MAX	46	44	49	61	66	69	64	67	67	71	71	75	78	81	75	86	70	73	74	65	67	63	63	66	72	68	78	61	66	64		8
	MIN	37	35	36	37	41	49	49	46	46	43	45	51	50	57	52	48	46	49	53	45	46	48	42	44	55	41	46	40	43	47		4
WISHEK	MAX	51	44	43	60	66	69	61	67	70	73	76	73	79	83	81	82		81	81	59	80	80	78	81	81	81	81	72	69	77	65	7
	MIN	36	35	37	38	42	48	51	42	45	38	37	41	49	58	47	60		39	50	44	45	48	38	37	58	40	50	42	41	47		4

See reference notes following Station Index.

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1950-1951

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
lmont 7 SW	56	57	249	479	1237	1546	1772	1732	1589	749	270	190	9548	
menia	26	87	177	511	1227	1761	1921	1434	1468	710	184	134	9640	
midon	55	53	259	490										
rvilla State Park			212	581	1309	1807	1993	1498	1477	765	247	173		
sbley		90	212	498	1249	1612	1860	1381	1588	756	285	233		*
aldhill Dam		107												
ach	71	73	301	522	1190									
elcourt Indian Res.	115	173	338	656	1442	1853	2033	1667	1676	880	340	282	11455	
lfield	72	77	307	558	1233	1469	1757	1270	1574	791	311	244	9663	
sbee		120	281	628	1370	1858	2100	1663	1668	826	278	202		
smarck WB City	18	52	204	453		1644								8981
smarck WB Airport	40	54	232	501	1280	1640	1925	1517	1680	739	257	189	10054	
ttineau	76	118	274											
wbells		127												
wman Court House	58	77	292	548	1199	1367	1640	1227	1436	784	319	233	9180	
tte	52	65	254	503	1356	1677	1901	1534	1612	770	211	171	10106	
rson 2 SW	62	57	250	481	1334	1571	1733	1370	1577	733	278	224	9670	
valier	36	100	248	578	1333	1814	1951	1546	1592		212	153		
nter	66	85	256	541	1322	1639	1917	1523	1721	854		233		
operstown	40	135	309		1456	1948	2136	1680	1559	761	236	255		
osby							1945	1619						
vils Lake WB City	63	111	251	598	1368	1815	2029	1593	1641	797	255	204	10725	10133
ckinson CAA AP	64	75	299	534	1253	1513	1764	1368	1589	796	340	257	9852	
ke		82			1324				1706					
nseith State Sanitarium	90	131	272	619	1411	1790	1985	1615	1661	844	319	244	10981	
geley Exp. Farm	33	84									254			
ore 1 W	76	128	264	625	1405	1860	2060	1622	1613	832	303	260	11048	
owoods	72	71	289	503	1309	1670	1894	1480	1731	749	207	152	10127	
endale	19	50	146	464	1196	1590	1815	1346	1481	664	194	156	9121	
ing	53	89	276	585	1300	1652	1906	1551	1681	804	282	181	10360	
go WB Airport	26	82	167	536	1274	1805	1981	1444	1523	735	204	147	9924	9331
senden		110	263	559	1338	1815	1940	1494			275	220		
man	24	64	161	475	1217	1636	1885	1378	1339	682	176	156	9193	
t Yates		65	195	458	1181	1497	1721	1268	1543	699	229	189		
bolm Wildlife Refuge	58	76	250	542	1293	1730	1871	1534	1710	807	259	180	10310	
lerton	20	61	164	472	1209	1611	1837	1378	1507	676	208	145	9288	
kle		37	186	525		1749	1933	1452	1599	736	239	174		
rison	58	84	271	569	1364	1714	1954	1511	1736	815	290	200	10566	
fton State School	40	105	201	582	1334	1755	1992	1572	1476	757	200	162	10176	
nd Forks CAA AP	42	105	216	575	1316	1833	2015	1520	1493	770	233	156	10274	
nd Forks University	37	106	219	555	1288	1826	1988	1496	1468	753	209	157	10102	
nd Rapids 1 N		97	241	534	1235	1662	1889	1422	1503	686	217	167		
nville		95	265	589	1327	1751	1991	1567	1726	765	294	205		
nora		147	279	655	1333	1675	1867	1555	1703	818	270	250		
nab	95	134	310	636	1396	1913	2094	1654	1680	843	308	225	11289	
sboro					1434	1858	2058	1612	1659	848	341	262		
inger			223			1168	1566	1149	1467	757	259	223		
sboro		114	184	570	1254	1789	1972	1468	1490	762	226	164		
stown CAA AP	52	96	235	542	1330	1722	1975	1492	1609	758	258	210	10279	
stown State Hospital	22	77	198	519	1265	1697	1928	1463	1565	728	213	170	9845	
al Wildlife Refuge	44	83	221	562	1317	1791	1958	1500	1600	770	252	197	10295	
oure	18	54	163	526										
don Exp. Farm	82	149	259	635	1418	1898	2080	1636	1652	837	289	225	11160	
more		74	201				1981	1522	1489		216	157		
s	47	92	251	590	1369	1839	2025	1581	1661	756	241	202	10654	
on	29	49	194	443	1220	1571	1818	1338	1554	690	223	178	9307	
wood 12 N												215		
ock Agr. School	60	97	256	595	1390	1808	2018	1583	1657	782	266	214	10726	
an Fort Lincoln	19	44	199	446	1187	1584	1820	1443	1581	700	217	147	9387	
rtb		34	275	520	1203	1322	1588	1265	1457	749	302	213		
		101						1597	1744	809		193		
lle	21	76	169	546	1261	1816	1974	1474	1498	745	222	156	9958	
usky	47	69	248		1321	1734	1965	1526	1684	785	224	181		
ry 5 N	74	116	244	603	1365	1822	2046	1585	1640	804	278	218	10795	
d 3 E		67	180	495	1182	1758	1944	1445	1522	689	191	140		
a TRNMP	68	66	312	530	1168	1450	1720	1277	1482	762	323	207	9365	
CAA AP	68	109	270	557	1338	1724	1923	1525	1665	811	270	199	10459	
Exp. Farm	66	94	275	568	1333	1707	1937	1555	1697	792	250	196	10470	
l	67	120	305	592	1376	1794	1999	1627	1792	840	287	198	10997	
h 4 SW	62	81	285	513	1206	1476	1706	1269	1540	764	337	246	9485	
	102	144	257	653	1421	1896	2106	1665	1659	832	277	233	11245	
eon 1 SE	36	65	217	494	1288	1670	1900	1428	1657	756	260	204	9975	
ngland	49	65	265	511	1173	1431	1670	1241	1496	785	332	249	9267	
alem 1 S	66	79	232	491	1276	1630	1844	1431	1628	777	273	217	9944	
River	35	92	183	560	1282	1791	1936	1528	1470	754	210	150	9996	
all	76	114	307	570	1359	1689	1954	1552	1752	809	334	210	10726	
na 2 N	74	142	262					1632				151		
sburg		108	248	600	1343	1807	1955	1554	1568	777	224	177		
bone	64	85	236	531	1315	1733	1953	1501	1642	772	258	203	10293	
s Lake 1 N				650	1374	1770	2036	1661	1710		318	267		
rdton Abbey	61	59	270	475	1208	1526	1743	1322	1556	741	270	200	9431	
dale	44	71	257	527	1317	1674	1908	1512	1711	802	267	193	10283	
	92	149	300	660	1429	1825	2014	1666	1656	834	261	234	11120	
	43	89	229	547	1333	1789	2010	1577	1694	773	225	180	10489	
n	43	94	215	572	1324	1813	1991	1529	1542	772	240	194	10329	
ey	88	157	337	664	1382	1784	2012	1603	1817	897	340	242	11328	
e	70	94	259	542	1304	1709	1938	1532	1714	786	256	197	10401	
e Lake	72	114	282	569	1390	1836	2035	1548	1694	772	251	190	10753	
ood 12 W		73	245	547		1753	1969	1543	1719	803	266	192		
3 N	51	70	259	543	1334	1656	1941	1542	1709	823	293	175	10396	
		108	257	568	1372	1826	2026	1599	1747	785	243	187	10718	
City	25	73	190	527	1230	1706	1908	1425	1514	703	175	164	9640	
ok	61	91	260	559	1308	1644	1871	1546	1749	781	282	181	10333	
on State School	56	92	273	550	1313	1703	1919	1503	1654	770	249	188	10270	
rn	20	39	119	452	1153	1725	1891	1385	1486	681	165	130	9246	
	35	53	219	461	1251	1619	1854	1453	1602	759	238	176	9720	

See reference notes following Station Index.

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1950-1951

Continued

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-ter means July-Jun
Watford City	56	76	280	S36	1186	15SS	1794	1429	1638	7S4	286	180	9770	
Westhope	S9			S96	1397	1835	2028	164S	1800	837	2S5	177		
Williston WB City	S0	97	274	SSS	1244	1S78	1835	1S14	1680	76S	278	18S	100S5	9309
Willow City	76	123	274	614	1391	1842	2091	1662	1741	813	281	212	11120	

EVAPORATION AND WIND

Table 6

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or
Bowbells S E	EVAP	.10	.1S	.09	.23	.28	.11	.00	.14	.08	.26	.23	.24	.32	.18	.24	.35	.32	.2S	.18	.22	.0S	.20	.15	.29	.15	.S1	.02	.13	.09	.07		5.
	WIND	49	48	48	S6	134	123	95	131	147	S6	96	3	69	SS	22	71	24	13	14	23	30	21	35	S9	95	193	169	326	233	81		25
Dickinson Exp Sta. a	EVAP	*	*	.01	.14	.17	.18	.14	.24	.16	.21	.22	.19	.29	.13	-	-	-	.23	.17	.05	.12	.07	.13	.11	.29	.20	.27	.29	.29	.07		4.
	WIND	165	13S	10S	100	130	190	90	120	140	S0	80	40	140	60	70	100	80	80	80	60	110	9S	4S	80	210	150	180	210	190	170		34
Edgeley Exp Farm	EVAP	.04	-	.03	.02	.21	.22	.13	.11	.07	.2S	.10	.21	.25	.29	.14	.34	.22	.18	.25	.02	.07	.16	.2S	.09	.14	.19	.34	.26	.28	.19		S.
	WIND	148	131	118	46	33	91	99	62	3S	21	19	41	11	43	21	21	49	11	48	64	67	32	-	-	-	-	-	-	-	-		
Mandan Exp Sta. a	EVAP	.10	*	*	.11	.15	.18	.04	.07	.16	.17	.20	.18	.2S	.19	.12	.25	.26	.11	.18	.13	.08	.09	.08	.09	.26	.14	.22	.29	.28	.11		4.
	WIND	222	243	188	68	122	230	101	90	125	73	102	S0	87	107	45	116	116	40	63	48	6S	83	51	38	190	9S	153	183	173	139		33
Riverdale	EVAP	.20	.09	.24	.29	.20	-	.01	.36	.29	.21	.2S	.32	.28	.2S	.46	.38	.2S	.33	.14	.24	.19	.17	.19	.33	.19	.36	.27	.27	.14	.21		7.
	WIND	141	143	72	149	180	191	163	164	76	92	51	75	164	54	93	98	78	120	87	54	98	S3	61	147	133	149	144	154	117	52		33

a Pan 6 feet in diameter; 24 inches deep; in ground 20 inches.

SNOWFALL AND SNOW ON GROUND

Table 7

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
Almont 7 SW	SNOWFALL	2.0	4.0											T	T													T			T	
	SN ON GND	-									T																					
Amenia	SNOWFALL																															
	SN ON GND																															
Beach	SNOWFALL		T																													
	SN ON GND																															
Carson 2 SW	SNOWFALL	1.0																														
	SN ON GND	1																														
Center	SNOWFALL	T																														
	SN ON GND																															
Dickinson CAA AP	SNOWFALL	4.0	0.1																													
	SN ON GND	1																														
Fargo WB Airport	SNOWFALL										T																					
	SN ON GND																															
Fort Yates	SNOWFALL	T																														
	SN ON GND																															
Hettinger	SNOWFALL	S.0																														
	SN ON GND	2	T																													
Jamestown CAA	SNOWFALL																			T												
	SN ON GND																															
Langdon Exp. Farm	SNOWFALL									T		T																				
	SN ON GND																															
Marmarth	SNOWFALL	T	2.0																													
	SN ON GND	T																														
McHenry S N	SNOWFALL							T																								
	SN ON GND																															
Medora TRNMP	SNOWFALL		T																													
	SN ON GND																															
Minot CAA AP	SNOWFALL							T																								
	SN ON GND																															
Mott	SNOWFALL		1.0																													
	SN ON GND																															
Napoleon 1 SE	SNOWFALL	T																														
	SN ON GND																															
Pettibone	SNOWFALL																			T												
	SN ON GND																															
Richardton Abbey	SNOWFALL	T	T																													
	SN ON GND	T	T																													
Steele	SNOWFALL									T																						
	SN ON GND																															
Upham 3 N	SNOWFALL																												3.0			
	SN ON GND																															

See reference notes following Station Index.

ble 2

CLIMATOLOGICAL DATA

Station	Temperature									Precipitation									
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
December 1950																			
EASTERN DIVISION sbon	7.2	-7.6	43	24	-27	27		0	31										
March 1951																			
EASTERN DIVISION ldhill Dam	12.9		50	28	-20	9		0	31					3.0					

Eotries io thie column are computed oo the baeie of .25 or more for months prior to Jaouary 1951.

ble 3

DAILY PRECIPITATION

Station	Day of mooth																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
March 1950 lley	.02										-	-	-	-	-	-	-	-	-	-	-	-	-	.06	-	-	.08	-				-
June 1950 tle Lake								2.00	.05						-	-	-							.40	.70		.45					-
October 1950 den Valley 1 S nd Rapids 1 N	-	.57 -	-	-	-	-	-	-	-	-	-	-	-	T -	-	-	-	-	-	-	-	-	-	-				T				.57 -
November 1950 gate									.03	T									.02									T				.05
December 1950 bon					T	T	T							.04						T					.35	.12				-		-
February 1951 do den Valley 1 S	R T			T	.09 .01	.12			.03 T		.10													.17	.15			.61				.54 .74
March 1951 dhill Dam	.23	T			T									-																-		-

ble 4

HOURLY PRECIPITATION

Statioo		A. M. Hour ending												P. M. Hour eoding												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
January 1951 risoo	6		*	*	*	*	*	.02					- 2	od -												-
risoo	6								*	*	*	*	- 3 *	rd - .03	*	*	*	*	*	.03						-
rieoo	6												- 4	th -							*	*	*	*	*	-
risoo	6	.02											- 5	th -												-
risoo	6												- 20	th -												-
rison	6								*	*	*	*	- 23 *	rd - .02	*	*	*	*	*	.02						-
rison	6								*	*	*	*	- 25 *	th - .01							*	*	*	*	*	-
risoo	6	.05	*	*	*	*	*	.10	*	*	*	*	- 26 *	th - .13	*	*	*	*	*	.05						-
February 1951 risoo	6												- 2	od -												-
rison	6	.02											- 3	rd -							*	*	*	*	*	-
ieon	6								*	*	*	*	- 5 *	th - .05												-
risoo	6		*	*	*	*	*	.04	*	*	*	*	- 8 *	th - .01												-
risoo	6								*	*	*	*	- 11 *	th - .18	*	*	*	*	*	.04	*	*	*	*	*	-
risoo	6	.01											- 12	th -												-
rison	6		*	*	*	*	*	.01					- 22	nd -												-
rison	6												- 27	th -												-
risoo	6	.05	*	*	*	*	*	.66	*	*	*	*	- 28 *	th - .69	*	*	*	*	*	.02 .10	*	*	*	*	*	-
arch 1951 rison	6	.03											- 1	st -												-
rison	6		*	*	*	*	*	.07					- 6	th -												-
rison	6												- 7	th -												-
risoo	6		*	*	*	*	*	.01					- 10	th -												-
rison	6		*	*	*	*	*	.06	*	*	*	*	- 16 *	th - .12												-

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4–Continued

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
April 1951													- 17	th -							*	*	*	*	*	-
Garrison	6												- 18	th -												-
Garrison	6	.05	*	*	*	*	*	.04					- 19	th -							*	*	*	*	*	-
Garrison	6												- 20	th -												-
Garrison	6	.08	*	*	*	*	*	.12	*	*	*	*	*	.06												-
Garrison	6								*	*	*	*	*	- 21	st -											-
Garrison	6												- 26	.01							*	*	*	*	*	-
Garrison	6												- 27	th -												-
Garrison	6	.05	*	*	*	*	*	.60	*	*	*	*	*	.06												-
Garrison	6												- 30	th -												-

DAILY TEMPERATURES

Table 5

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
March 1950																																	
Ashley	MAX	19	15	29	42	43	43	40	12	18			16	37							27			40	31			29	27		30	35	
	MIN	- 3	-20	6	21	28	31	3	- 4	- 1		- 3	-15	7			14	9			17	25	19	27	28			25	13	- 4	27	29	1
June 1950																																	
Turtle Lake	MAX	72	60		82	87	90	72	52	60	76	84	84	85	86		65		60	70	80			85	79			80	69	77	80		
	MIN	44	39		32	51	53	45			45	39					46		47	44		40			45			40	44	40	39		7
October 1950																										49	68	69	65	83	80	62	
Grand Rapids 1 N	MAX																									28	43	28	31	40	33	38	
	MIN																																
December 1950																																	
Lishon	MAX	15	24	13	15	7	- 5	12	20	25	25	26	35	27	27	25	10	14	14	29	12	22	37	41	43	13	- 2	- 3	14	5	24	25	1
	MIN	3	6	- 9	- 7	-14	-18	-13	9	10	12	15	22	8	7	- 8	-12	-18	-13	- 6	-12	- 5	1	2	- 3	- 4	-24	-27	- 8	-19	-19	- 1	-
March 1951																																	
Baldhill Dam	MAX	20	4	14	10	18	34	2	4	4	14	26	12	18	22	28	32	28	28	16	12	14	32	38	28	34	38	44	50	42	36	34	
	MIN	- 6	-16	-14	-12	- 6	-14	-16	-10	-20	-14	-10	- 8	- 6	0	0	10	22	2	0	0	- 8	0	6	10	18	30	28	28	26	22	24	

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage**	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
7 S	0022	Walsh	10	48 20	98 06	-		6P	Myron J. Bata	3
eder RR Station	0096	McKenzie	13	47 50	103 38	1200		8P	Arthur J. Bauman	3
t 7 SW	0136	Morton	4	48 43	101 39	3300	7P	7P	Hogao Ramsland	2 3 5 7
1 S	0149	GoldenValley	7	46 37	103 49	-		7P	CLOSED - - - - -	6-1-51
aa	0189	Divide	12	48 58	103 28	2060		6P	Ronald L. Hanson	3
a	0196	Caas	11	47 0D	97 13	96D	S3	SS	Virgil L. Gebeka	2 3 5 7
n	0209	Slope	1	46 3D	103 19	2910	8A	8A	Tafield Zundel	2 3 4 3
r	0263	Bottineau	12	48 5R	101 20	1540			W. H. Wegner	3 4
la State Park	0369	Grand Forks	10	47 56	97 30	980	6P	6P	Albert Thoren	2 3 5
y	0382	McIntosh	8	46 02	99 22	2025	8A	8A	Soo Line Agent	2 3 4 5 7
ill Dam	045D	Barnes	11	47 02	98 05	1300	8A	8A	F. A. Johnson	2 3 5
ar	0492	McHenry	12	47 57	100 32	1815		M1D	Raymond E. Weller	3 4
	0500	Pierca	11	46 10	100 02	-		6P	Nick Schaan	3
b	0516	McHenry	12	48 30	100 36	-		6P	Templa K. Roberts	3
	0590	GoldenValley	7	46 35	104 01	2614	6A	6A	Luther F. Hodgin	2 3 4 5 7
urt Indian Res.	0826	Rolette	9	48 50	99 45	1960	7P	7P	Turtle Mt. Ind. Ag.	2 3 4 5
eld	0639	Stark	4	48 12	103 11	2592	7P	7P	Carl Indergaard	2 3 5
old	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
h	0766	Mercer	8	47 16	101 47	1780		7P	Knife Riv. Coal Co.	3 4
a	0796	Towner	2	48 37	99 22	1600	6P	6P	Hobert J. Krick	2 3 5
rck WB City	0814	Burleigh	8	46 48	10D 48	1670	9A	9A	U.S. Weather Bureau	2 3 5
rck WB Airport	0819	Burleigh	B	46 46	100 45	1650	M1D	M1D	U.S. Weather Bureau	2 3 4 5 7
nau	0941	Bottineau	12	48 50	100 27	163B	8A	8A	N.D. Schl of Frstry	2 3 5 7
lla	0961	Burke	12	48 48	102 15	1953	8A	8A	Felix L. Adams	2 3 5 7
lle 5 E	0966	Ward	12	48 47	102 08	1925	8A	8A	Developmeot Farm	2 3 5 6 7
n Court House	0995	Bowman	3	46 11	103 23	2872	5P	5P	O. B. Hook	2 3 4 5
n 11 SE	0998	Bowman	3	46 04	103 19	-		6P	Bernard L. Domagala	3
n 30 NNW	1001	Slope	8	46 35	103 31	-		5P	Robert L. Hannon	3
a	1052	Morton	1	48 24	100 57	1720		M1D	Frank E. Potter	3 4
	1225	McLean	12	47 50	100 40	1880	5P	5P	Fred J. Klokooos	2 3 5
gton	1288	Towner	2	48 29	99 12				Harry E. Harris	3 4
a	1360	Foster	5	47 27	99 08	1579	7A	7A	Soo Line Agent	2 3 5
	1385	Grant	4	48 25	101 34	2300		M1D	Vincent Muggli	3 4
a 2 SW	1370	Grant	4	46 23	101 35	2500	7P	7P	J. W. Evens	2 3 5 7
iar	1435	Pembina	9	48 48	97 37	894	6P	6P	John H. Erickson	2 3 5
	1456	Oliver	B	47 07	101 18	2100	7P	7P	Fred L. Heioz	2 3 5 7
ge	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
ous	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
ratown	1766	Griggs	11	47 26	98 07	1428	5P	5P	R. J. Lockner	2 3 5
nay	1316	Stutsman	5	47 13	98 34	1523		5P	G. R. Hanawalt	3
	1871	Divide	12	48 54	103 18	1954	7A	7A	Vernon V. Nichols	2 3 4 5 7
	2018	Kidder	8	46 52	99 45	1730		M1D	Ralph W. Wise	3 4
Lake WB City	2158	Ramsey	2	48 07	98 52	1471	M1D	M1D	U.S. Weather Bureau	2 3 4 5 6 7
son CAA AP	2183	Stark	4	46 48	102 48	2587	M1D	M1D	U.S.Civil Aero Adm	2 3 4 5 7
son Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Leroy Moonaw	2 3 5 6
rook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldner	3
	2298	McHenry	12	47 55	100 22	1634	8A	8A	Paul Kuotz	2 3 5
enter	2365	Dunn	6	47 21	102 37	2191	6A	6A	Charles C. Neustel	2 3 5 7
th St. Sanitarium	2385	Rolette	12	48 50	100 02	2001	5P	5P	N.D. State Hospital	2 3 5
	2472	Bottineau	12	48 39	101 03	1500	7A	7A	Soo Line Agent	2 3 5
y Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 4 5 8 7
1 W	2525	Ramsey	2	48 25	98 29	1524	8P	8P	Mike Davis	2 3 5
ods	2570	McLean	8	47 35	102 06	2082	6P	6P	H. W. Case	2 3 5
5 S	2592	Grant	1	46 21	101 49	-		6P	Art A. Eslinger	3
ale	2605	Dickey	5	46 00	98 31	146D	8P	8P	Paul Gress	2 3 5 7
	2735	Williams	8	48 18	103 21	2224	6P	6P	T. Beachler	2 3 5
ald 8 N	2767	Benson	11	48 02	99 46	1650		M1D	Lyle O. Fering	3 4
WB Airport	2809	Billings	7	47 19	103 12	2650		6P	Mrs. Edith Larson	3
den	2859	Cass	10	46 54	96 48	895	M1D	M1D	U.S. Weather Bureau	2 3 4 5 7
	2949	Wells	5	47 39	99 37	1610	6P	6P	John V. Zuber	2 3 5 7
r	3009	Morton	1	46 27	101 14	1930		8A	George M. Sinclair	3
	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
	3117	Sargent	10	46 02	97 38	1249	6P	6P	Art Waterman	2 3 5 7
ates	3207	Sioux	8	46 06	100 38	1640	S8	SS	Stand Rk Indian Agy	2 3 4 5 7
a Wildlife Refuge	3217	Ward	12	48 27	101 33	1609	5P	5P	U.S.Wildlife Refuge	2 3 5
g	3277	Billings	4	46 53	103 18	2790		7A	Herman J. May	3 4
ton	3287	Dickey	5	46 10	98 25	1439	8P	6P	F. D. Alin	2 3 5
	3309	Logan	5	46 38	99 08	1951	6P	6P	Alvil Bummel	2 3 5
on	3376	McLean	8	47 38	101 25	1911	M1D	M1D	Albert J. Beirele	2 3 4 5
one 22 N	3446	Dunn	6	47 11	102 39	-			Richard Bailey	3 4
	3496	Morton	4	46 49	101 49	2090		M1D	Frederick J. Anhorn	3 4
llin	3501	Mercer	6	47 0D	101 47	-		6P	Christ Schilling	3
llin 13 N	3529	Mercer	6	47 10	102 03	-		6P	Robert H. Backfisch	3
Valley 10 S	3556	GoldenValley	7	46 47	103 57	2780		M1D	U.B.Civil Aero Adm	3 4
SE	3594	Walsh	10	48 25	97 26	827	5P	5P	Dr. J. C. Lamont	2 3 5 7
n State School										
Forks CAA AP	3616	Grand Forks	10	47 56	97 05	834	M1D	M1D	D.S. Civil Aero Adm	2 3 4 5 7
Forks University	3621	Grand Forks	10	47 55	97 05	830	M1D	7P	University of N. D.	2 3 5
Rapids 1 N	3665	La Moure	5	46 29	98 21	1360	6P	6P	Albert J. Ness	2 3 5
	3676	Renville	12	48 37	101 35	1625		M1D	Oswald H. Bjornlie	3 4
lle	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Roble	2 3 5
Butte	3696	McKenzie	7	47 24	103 14	2660			Sam Charchenko	3 4
Butte 10 N	3701	McKenzie	7	47 31	103 14	-		6P	Edsel G. Crist	3
a	3736	Williams	8	48 37	103 56	2114	5P	5P	L. D. Nielson	2 3 5
	3836	Bowman	3	48 58	103 08	-			J. E. Crawford	3 4
ay	3846	Dunn	6	47 21	102 20	2073		6P	John Klose	3 4
on RR Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
ord	3926	Griggs	11	47 18	98 12	1428		M1D	Belen Benson	3 4
	3936	Cavalier	9	48 59	98 41	1570	6P	6P	U.S. Customs Office	2 3 5
ro	3963	Towner	9	48 57	99 23	1597	7P	7P	W. E. Disher	2 3 5
3 NE	4013	Wells	11	47 45	99 53	1596		6P	H. J. Reynolds	3
6 NE	4073	Adams	1	46 01	102 24	2640		M1D	Byron B. Bobb	3 4
n RR Station	4083	Emmons	8	46 29	100 17	1978		M1D	Ephrain Zacher	3 4
er	4178	Adams	3	46 00	102 38	2680	6P	6P	Fred O. Forthun	2 3 5 7
er 17 N	4186	Adams	1	46 15	102 39	-		6P	O. J. Gerbracht	3 4
ro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
eld	4343	Welle	5	47 27	99 55	1915		M1D	Mrs. Ruth Buchwitz	3 4
wn CAA AP	4413	Stutsman	5	46 55	98 41	1497	M1D	M1D	U.B. Civil Aero Adm	2 3 4 5 7
wn State Hospital	4418	Stutsman	5	46 53	98 40	1457	7P	7P	N.D. State Hospital	2 3 5
	4571	McKenzie	8	48 00	102 55	-		8P	Donald M. Lund	3
	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo E. Eckberg	2 3 5
Wildlife Refuge	4656	Stuteman	5	47 15	98 52	1440	7P	7P	D.S.Wildlife Refuge	2 3 5
r 8 NW	4726	Dunn	7	47 28	102 53	2240		7A	Leooard J. Davis	3
5 SE	4823	Bottineau	12	48 39	100 37	-		M1D	Paul A. Kretschmar	3 4
Exp. Farm	4958	Cavalier	9	48 45	98 21	1615	5P	5P	V. Sturlaugson	2 3 5 7
d	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
e	5013	Grand Forks	1D	47 55	97 38	1134	5P	5P	Bennie Engeo	2 3 5
0 E	5078	Benson	2	48 17	99 26	1515	7P	7P	John Fager	2 3 5
	5088	Stark	4	46 38	102 21	2580		5P	Joseph Link	3
	5210	Emmons	8	46 16	100 14	1711	8P	8P	William Reyerman	2 3 5 7
Agrl. School	5220	Ransom	11	46 28	97 41	1091	7A	7A	Robert M. Jodsaas	2 3 5 7
Exp. Station	5434	Benson	11	47 58	99 30	1604	6P	6P	Benson Cy Agr Schl	2 3 5
Ft. Lincoln Park	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Sta.	2 3 4 5 8
h	5484	Morton	8	48 47	100 52	1700	6P	6P	Park Supt.	2 3 5
h M D U Co.	5573	Slope	7	46 18	103 55	2714	6P	6P	S. P. Grane	2 3 5 7
	5575	Slope	7	46 18	103 55	2710			E. B. Jestnes	3 4
e	5610	Sheridan	11	47 5-	100 07	1610		6P	John W. Magnuson	3
y	5638	McLeao	8	47 49	101 17	2093	7A	6P	Soo Line Agent	2 3 5
r RR Station	5660	Traill	10	47 30	97 19	975	6P	6P	B. A. Ragaz	2 3 5 7
	5710	Sheridan	8	47 2-	100 29	1943	6P	6P	Elmer L. Bchielke	2 3 5 7
	5720	Williams	8	48 3-	102 56	-		M1D	Rartvin Hermooson	3 4
5 N	5730	Eddy	11	47 3-	98 35	1509	7P	7P	C. E. Blasky	2 3 5 7
3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlson	2 3 5
1 W	5764	Nelson	10	47 46	98 11	1467		6P	B. H. Knifefel	3
TRMMP	5798	Stutsman	B	46 53	99 19	-		6P	Rudolph Graf	3
	5813	Billings	7	48 58	103 30	2250	5P	5P	U.S.Forest Service	2 3 5 7

Station	Index No.	County	Drainage**	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
Walville	5833	Foster	5	47 20	99 02	1625		M1D	Edgar S. Stagmeier	3 4
Minot CAA AP	5988	Ward	12	48 15	101 17	1724	M1D	M1D	U S Civil Aero Adm	2 3 4 5
Minot Exp. Farm	5993	Ward	12	48 10	101 18	1720	6P	6P	N C Agri Exp Sta	2 3 5
Moffit RR Station	6015	Burleigh	8	46 41	100 18	1760		9A	Soo Line Agent	3
Mohall	8025	Ranvilla	12	48 46	101 31	1839	9P	9P	Iver Johnson	2 3 5 7
Montpelier	6105	Stutsman	5	46 42	98 35	-		8A	Rolf Hanmon	3
Mott	6155	Hettingar	1	46 23	102 20	2420	8S	SS	Forrest E. Coffing	2 3 4 5 7
Munich 4 SW	6195	Cavalier	2	48 38	98 53	1598	7P	7P	Harold Feldner	2 3 5
Napoleon 1 SE	6255	Logan	8	46 29	99 45	1955	7P	7P	Gladys J. Petarson	2 3 4 5 7
New England	6315	Hettinger	1	46 33	102 52	2621	6P	6P	Anton Selinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 33	99 16	1550		6P	Richard Stainbach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2163	6P	6P	William F. Gaeba	2 3 5
Noonan	6455	Divide	12	48 53	103 01	1960		6P	George Kostek	3
Northgate	6535	Burke	12	49 00	102 16	1850			U S Customs Station	3 4
Oakes	6620	Dickey	5	46 08	98 05	1320	8A	8A	Mrs. E.Carrie Murray	2 3 4 5
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5 7
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	4P	U S Customs & Immig.	2 3 4 5 7
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5 7
Pettibone	7047	Kidder	8	47 07	99 31	1860	7P	7P	L. H. Dethloff	2 3 5 7
Portal	7201	Burke	12	49 00	102 33	1954	9A	9A	U S Customs Service	2 3 5 7
Powers Lake 1 N	7281	Burke	8	48 24	102 38	2205	7P	7P	Herbert J. Clark	2 3 5 7
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Leer	3
Raub	7405	McLean	8	47 44	102 04	-		M1D	Alvin Larson	3 4
Reeder	7450	Adams	3	46 06	102 57	2810		6P	Henry A. Donner	3
Reeder 14 N	7452	Slope	1	46 19	102 57	2860		8A	Chas. W. Wetzinger	3
Richardton Abbey	7530	Stark	4	46 53	102 19	2467	5P	5P	Assumption Abbey	2 3 4 5 7
Riverdale	7585	McLean	8	47 30	101 21	1910	5P	5P	Corps of Engineers	2 3 4 5 6 7
Rolette	7655	Rolette	12	48 40	99 50	1625	M1D	M1D	George F. Gehres	3 4
Rolla	7664	Rolette	9	48 52	99 37	1860	7P	7P	Theo B. Fagerlued	2 3 5 7
Rugby	7704	Pierce	12	48 22	100 00	1560	6P	6P	Frank Hornstein	2 3 5 7
Ryder	7749	Ward	8	47 55	101 40	2108		9A	S. C. Schellenbaum	3 4
Sanish	7834	Mountrail	8	47 59	102 32	1835	7A	7A	R. J. Bugge	2 3 5
Sarles	7844	Cavalier	9	48 57	99 00	1585		M1D	Clarence J. Olson	3 4
Scranton	7932	Bowman	3	46 09	103 09	-		6P	Henry M. Soehren	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	2183		7P	L. E. Wilson	3
Sharon	7986	Steele	10	47 36	97 54	1516	8P	8P	Hugh Lyon	2 3 5 7
Sherwood	8047	Renville	12	49 00	101 38	1647		6P	U S Customs Service	3
Sheyenne	8057	Eddy	11	47 50	99 07	1506		M1D	Pehr A. Peterson	3 4
Shield	8065	Grant	1	46 14	101 07	-		6P	Edwin O. Carlson	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 4 5 7
Steele	8366	Kidder	8	46 51	99 55	1457	8P	8P	Leon V. Lesher	2 3 5 7
Tagus	8627	Mouotrail	12	48 20	101 56	2179		6P	George W. Pilgard	3
Tioga	8737	Williams	8	48 24	102 56	2279		6P	L. A. Simon	3
Tolley 4 NE	8764	Renville	12	48 46	101 47	-		6P	Carmie Nelson	3
Towner	8792	McHenry	12	48 21	100 24	1482	7P	7P	August B. Rieder	2 3 5
Trotters	8807	GoldenValley	13	47 20	103 54	2420		5P	Walter Grunewald	3
Trotters 3 S	8812	GoldenValley	13	47 17	103 54	2420		M1D	John O. Nellermoe	3 4
Turtle Lake	8840	McLean	8	47 31	100 53	1899	5P	5P	Art Klungtvedt	2 3 5
Tuttle 8 SW	8850	Kidder	8	47 02	100 04	1936		8P	Adam Leno	3
Underwood 12 W	8877	McLean	8	47 26	101 24	1750	6P	6P	Mrs. F. W. Mattoon	2 3 5
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U S Wildlife Refuge	2 3 5 7
Valley City	8937	Baroes	11	46 55	98 00	1229	6P	6P	Miss T.C.Robertson	2 3 5
Van Hook	8970	Mountrail	8	47 57	102 21	1864	9P	9P	Erwin A. Ventsch	2 3 5
Velva	8990	McHenry	12	48 03	100 55	1511	6P	6P	Oscar Anderson	2 3 5 7
Verona	9035	La Moure	5	46 22	98 04	-		10A	Louis J. Frandson	3
Wabpeton Power Plant	9095	Richland	10	46 17	96 36	962		M1D	Victor Burton	3 4
Wahpeton State School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Science	2 3 5 7
Walhalla	9155	Pembina	8	48 55	97 55	950		6P	Felix A. Gastooquay	3
Washburn	9195	McLean	8	47 17	101 02	1731	6P	6P	Fred F. Jefferis	2 3 5
Washburn Water Works	9205	McLean	8	47 17	101 02	1730			Washburn Water Wks	3 4
Watauga 8 N, S. Dak.	9219	Grant	1	46 02	101 34	-		6P	John C. Spicer	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	8P	J. C. Zeller	2 3 5 7
Watford City 11 E	9238	McKenzie	8	47 47	103 02	-		M1D	Ida Peterson	3 4
Westhope	9333	Pottineau	12	48 55	1C1 01	1508	6P	6P	Rev. R. Carey	2 3 5
Wildrose	9400	Williams	8	48 38	103 10	2258		6P	Jonathan Winkjer	3
Williston WB City	9425	Williams	8	48 09	103 35	1877	M1D	M1D	U S Weather Bureau	2 3 4 5 7
Willow City	9445	Pottineau	12	48 36	100 17	1471	8P	8P	O. M. Sanderson	2 3 5
Wilton RR Station	9455	McLean	8	47 09	100 48	2159	8A	8A	Soo Line Agent	2 3 5
Wishek	9515	McIntosh	8	46 16	99 34	2010	8A	8A	H. M. Larson	2 3 5
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

NEW STATIONS

Station	Index No.	County	Drainage**	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
Pingree	7117	Slutsman	5	47 10	98 54	1572		6P	Jerry W. Tangoey	3
Portonville	8565	La Moure	5	46 33	98 44			6P	Henry L. Erickson	3
Sykeston	8608	Wells	5	47 28	99 24	1653		6P	William R. Evans	3
Burt 16 N	1216	Bettinger	1	46 36	102 08	-		6P	Jacob Grnebole	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	6P	6P	Lostwood Wildlife R	2 3 5
Buchanan	1124	Stutsman	5	47 04	98 49	-			W. H. Heodrickson	3 4
Forbes 13 NW	3084	Dickey	5	46 04	98 56	-		6P	Theodore A. Wirch	3
Grace City	3583	Foster	5	47 33	98 48	-			Ida Donderud	3 4
Kulm	4843	La Moure	5	46 18	98 57	1970		6P	John Stroehl	3
Litchville	5230	Barnes	11	46 39	98 11	-		6P	William L. Rugh	3
Warwick	9185	Denson	11	47 51	98 42	-		6P	H. S. Stinsoo	3
Woodworth 5 E	9575	Stutsman	5	47 09	99 12	-		6P	John Rohrer	3
Medora	5803	Billings		46 55	103 31	2270			Jay J. Eaton	3 4
Seotinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	-		7P	G. E. Bury	3
Watford City 20 SE	9246	McKenzie		47 35	103 07	-		6P	Mrs. Agnes Murray	3

Station name changed from Alpha 1 S to Sentinel Butte 20 S.

** Drainage Code: 1. Cannonball 2. Devils Lake 3. Grand 4. Beart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

REFERENCE NOTES

The four digit identification numbers in the index number column of tbe Station Index are assigned on a etate baeie. Tbere will be no duplication of nu within a state.

Figures and letters following the stetion name, such as 12 SSW, indicate dietance in milea and direction from tbe poet office.

Observation times given in the Station lndex are in local standard time.

Delayed data and corrections will be carried only in the June and December ieeues of thie bulletin.

Monthly and seasonal snowfall and heating degree deys for the preceding 12 monthe will be cerried in tbe June iesue of thie bulletin.

Stations appearing in the Index, but for wbich data are not listed in tbe tablee, are eitber missing or received too late to be included in tbie issue.

Unless otherwise indicated, dimensional units used in tbis bulletin are: temperature in °F., precipitation and evaporation in incbee, and wind movement miles. Degree days are based on a daily average of 65°F. Evaporation is measured in tbe standard Weatber Bureau type pan of 4 foot diameter unless otb wise shown hy footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning witb July 1948.

Amounts in Table 4 are from recording geges. Traces are not ehown.

Amounts in Table 3 are from non-recording gages, unlese otberwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of obeervation. See the Station Index for obeervation time.

Snow on ground in Table 7 is at observation time for all except Weatber Bureau and CAA etations. For tbese etatione enow on ground values are at 1830

-	No record in Tables 3, 4, 6, 7, and the Station Index. No record in Teblee 2 end 5 is indicated by no entry. Wben bourly precipitation ie mi or accumulated for several days, only the first and last daye are shown in Table 4.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Station not equipped with a recording gage. See Table 4 for 6-bourly measured amounts.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 incb water equivalent to every 10 inchee of new enowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for tbie station, bave been adjueted t represent the value for the full month.
R	Daily values and monthly total from recording gege. All other data in Table 3 are from non-recording gages.
T	Trace, an amount too small to meesure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index meane observation made near eunset.

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CORRECTIONS

March 1950, Sarles, Table 3, 31st should be "-" and total should he "-".

April 1950, Carson 2 SW, Table 2, temperature departure should he -11.3.

Edmore 1 W, Table 2, number of days with .01 or more sbould be 7 and number of daye witb .25 or more ebould he miseing.

June 1950, Bismarck WB Airport, Table 2, temperature departure sbould be 1.3.

Dickinson Experiment Station, Table 2, temperature departure should be -2.0.

Jamestown State Hospital, Teble 2, temperature departure should be 2.4.

July 1950, Petersburg, Table 2, precipitation departure should be -1.88.

Rugby, Table 2, precipitation departure should be -.85.

Stanley, Table 2, precipitation departure should be -.45.

August 1950, Mayville, Table 2, precipitation departure should be -1.62.

October 1950, Table 2, temperature departures should be as follows: Bottineau 2.2, Crosby 2.3, Dickinson Experiment Station 2.8, Drake 2.8, Dunn Cente Edgeley Exp. Farm .6.

November 1950, Epping, Table 2, minimum 32 or helow should be 28.

Napoleon 1 SE, Table 5, minimum on 9tb should he 9.

Decemher 1950, Minot Experiment Farm, Teble 2, mean temperature sbould be 9.7.

Minot Experiment Farm, Table 5, on 3rd maximum sbould be 5, on 14tb minimum sbould be 1, and mean minimum sbould he 1.2.

Elbowoods, Table 2, total snow should be missing.

February 1951, Grano, Tahle 3, 28th should be .49 and total 1.17.

Fryhurg, Table 3, 25th should be .03 and total .40.

Baldhill Dam, Table 2, greatest day of precipitation should be trace.

Elbowoods, Table 2, total snow should be 25.2.

March 1951, Bowman Court House, Table 2, total precipitntion should be .27, greatest day .10 on 16tb, total snow missing, days with .01 or more 6, .5 more 0, 1.00 or more 0.

Bowman Court House, Table 3, 12tb sbould he 0, 13th .06, 14tb .01, 15th 0, and total .27.

Bowman 11 SE, Table 3, 16th sbould be .03, 22nd .02, 23rd .04, and total .12.

April 1951, Bowman 11 SE, Table 3, 19th should be .05, 20th .13, 21st .04, 27th .53, and 30tb .50.

Amidon, Table 3, 30th sbould be .32 and total 1.29

Amidon, Table 4, on 30th add *'s 10a through 1p, .10 at 2p, .19 at 7p, .01 at 8p, end cbange total to .32.

Gladstone 22 N, Table 3, 30th should be .16.

Gladstone 22 N, Table 4, 30th, delete dashes and add hourly amounts as follows: 2p .03, 3p .01, 4p .01, 9p .01, 10p .05, 11p .02, and t

W.B.O., Kaneas City, Mo. -- 8-14-51

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CLIMATOLOGICAL DATA

NORTH DAKOTA

JULY 1951

Volume LX No. 7

KANSAS CITY: 1951

NORTH DAKOTA - JULY 1951

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

The characteristic feature of July weather this year was the variation in rainfall over the sta In general the southern half enjoyed ideal moisture conditions for the development of a huge cr To the north, however, precipitation fell off rapidly, reaching a low point in the northwest part the state and resulting in quite severe drouth conditions in many areas. This, together with qu hot weather the last two weeks, materially reduced the crop prospects especially in some northw counties.

July averaged a little on the cool side for the state as a whole. The mean temperature was 68.2 grees which is 1.4 degrees below normal. The eastern division averaged 68.1 degrees which is degrees below normal; the middle division averaged 68.3 degrees which is 1.3 degrees below norm and the western division averaged 68.3 degrees which is 1.6 degrees below normal. The mean temp ature for individual stations ranged from a high of 72.6 degrees at Epping which is 1.8 degrees ab normal to a low of 65.2 degrees at Belcourt. The hottest period occurred during the 4th week w many stations recorded more than 100 degrees. Lisbon reported 105 degrees on the 25th and Epp recorded 105 degrees on the 28th for the highest temperature in the state. The coolest day was the 10th when a low temperature of 33 degrees was observed at Parshall. There was no frost report Nearly every station in the state averaged below normal except for a few scattered stations acr the northern half.

Precipitation over the state also averaged below normal by 0.53 inch, the average being 1.94 inch The eastern division averaged 2.24 inches which is 0.65 inch below normal; the middle division eraged 1.96 inches which is 0.53 inch below normal; and the western division averaged 1.60 inc which is 0.50 inch below normal. Rainfall varied widely, being as much as 5.18 inches at Ashley wh is 2.52 inches above normal and ranging as low as 0.10 inch at Powers Lake which is 2.17 inches be normal. The greatest daily precipitation was 2.80 inches reported at Hankinson on the 3rd.

In general crops made from good to excellent progress during the month. Some deterioration occu in crops in the northern half of the state due to the hot and dry weather of the last two weeks. most serious damage was reported in northwest counties where the rainfall was most deficient. In t area a few late fields were plowed under. In spite of the hot and dry weather, however, many cr particularly on summer fallow have come through in good shape, apparently drawing on substantial s soil moisture. In the southern half of the state crops were more uniformly excellent due to r abundant moisture supplies. The corn crop made rapid growth during the hot weather and averaged ab 3 feet high in the main corn producing area of the southeast at the end of the month. A better t average crop was expected in the south half and fair to good in the northern half. A considera amount of hay was put up during the dry weather. Insect damage has been very light during the mo Harvesting of rye, oats and barley was getting well started at the end of the month. Livestock general were in good condition during the month. Pastures, however, were quite short in some north portions and cattle and milk production suffered in a few areas.

Rather severe hailstorms occurred on several days mostly during the last half of the month. losses ranging up to 100 percent occurred in northeast Emmons, western Logan and northwestern McIn Counties on the night of the 16th. Some of the best crops seen in 30 years were knocked down. O storms occurred later in the month in Morton, McHenry and northern Sheridan Counties and caused se losses. In general, hail losses for the month were considerably below normal. High winds caused da in some areas. At Cando a "twister" damaged the municipal airport, ripping two large sliding d off. Also on the 28th near Kief, about 45 miles southeast of Minot, a farm was badly damaged "tornado-like" wind. Several farms in the area were damaged but no one was injured. A 500-ga gasoline tank was described as "literally disintegrated". Crops were flattened by the wind and hail that accompanied the storm. Scattered hailstorms struck other parts of the state but damage mostly light.--CJS

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages --mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydrol Network stations were presented in bulletins (Hydrologic Bulletins) were issued monthly for each of 8 drainage areas embracing the entire States, but since the Network was established to meet the internal re ments of the Federal agencies referred to above, no provision was ma public dissemination of the data, distribution being limited to coope agencies and to certain public repositories. A list of locations wher erence copies of the Hydrologic Bulletin Series are available for insp may be obtained upon application to Chief, U. S. Weather Bureau, Wash 25, D. C.

Many other records published in this bulletin have been made available t the cooperation of various public offices, private agencies, and indiv as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
arck WB Airport	SSE	13	8.9	47	N	7	79	85	53	50	7	3	4	4	0	0	18	75	5.0
ls Lake WS City	-	-	7.9	34	NW	7	-	-	-	-	9	4	2	0	1	0	18	74	4.3
o WB Airport	SSE	10	10.4	50	W	24	80	85	54	51	5	6	2	0	2	0	15	71	4.3
leton WB City	-	-	7.4	40	SE	28	65	77	41	35	5	5	1	1	0	0	12	88	4.3

COMPARATIVE DATA

l

	Temperature			Precipitation		
r	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
	88.7	108	31	3.23	0	8
	89.5	112	35	2.04	0	7
	71.7	107	38	0.63	0	3
	66.1	102	29	2.90	0	8
	67.5	107	31	1.51	0	6
	68.9	109	38	4.43	0	9
	67.6	106	28	2.49	0	7
	68.3	109	32	2.34	0	6
	87.9	107	33	2.25	0	6
	70.8	110	40	4.28	0	6
	67.6	106	34	2.15	0	5
	68.7	109	26	2.23	0	7
	64.4	102	34	2.13	0	6
	65.6	100	32	3.78	0	8
	66.9	102	34	1.56	0	11
	85.8	103	31	3.06	0	9
	68.6	103	31	1.91	0	6
	67.1	99	34	2.73	0	8
	70.0	114	33	1.60	0	5
	65.1	107	23	1.70	*	6
	66.0	106	30	3.66	0	10
	65.8	103	35	2.22	0	8

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1914	72.1	109	36	2.17	0	6
1915	62.3	97	30	3.13	0	11
1916	73.1	105	33	2.96	0	7
1917	70.9	114	27	1.54	0	7
1918	65.5	102	34	2.73	0	7
1919	71.2	105	37	1.86	0	5
1920	68.3	103	31	2.11	0	7
1921	71.4	110	35	3.07	0	7
1922	65.6	100	30	2.48	0	8
1923	71.2	103	35	3.05	0	8
1924	65.5	99	32	1.93	0	6
1925	66.7	106	29	1.35	0	6
1928	70.3	108	32	2.04	0	7
1927	65.4	97	28	2.84	0	9
1928	67.4	96	38	4.82	0	10
1929	70.6	109	34	1.27	0	5
1930	72.3	107	34	1.04	0	5
1931	70.6	111	37	3.03	0	8
1932	70.0	108	36	1.95	0	7
1933	71.9	109	36	2.00	0	7
1934	71.8	112	29	1.22	0	6
1935	73.8	110	45	4.41	0	10

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1936	79.9	121	38	0.70	0	4
1937	71.7	111	40	2.93	0	9
1938	69.7	104	39	3.34	0	9
1939	72.6	108	37	1.81	0	7
1940	71.6	107	37	3.70	0	11
1941	70.8	106	34	1.76	0	8
1942	67.1	97	36	2.43	0	7
1943	70.5	103	41	2.72	0	8
1944	67.6	102	33	1.74	0	6
1945	67.8	102	30	2.31	0	9
1946	70.6	110	34	2.17	0	7
1947	70.4	103	33	1.79	0	6
1948	69.3	108	34	4.04	0	10
1949	69.5	111	30	3.56	0	10
1950	66.1	100	36	1.92	T	10
1951	68.2	105	33	1.94	T	7
Period	69.0			2.44	T	

for tbe period beginning witb 1949 to date bave been weighted on an areal basis and are not comparable witb unweighted values publisbed in this table earlier years.

See reference notes following Station Index.

Table 2

CLIMATOLOGICAL DATA

Station	Temperature							No. of days		Precipitation				Snow, Sleet, Hail			No. of day	
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more
EASTERN DIVISION																		
Amenia	68.7	-1.2	93	24	44	11	22	4	0	2.74	.05	1.45	3	T	0		8	1
Arvilla State Park	68.3		97	24+	37	19	35	7	0	2.63		2.12	30	.0	0		5	1
Carrington	66.6	-2.8	96	29	40	10+		5	0	.69	-1.92	.13	10	.0	0		12	0
Cavalier	68.3	- .7	99	27+	38	19	37	6	0	1.39	-1.25	.96	30	.0	0		4	1
Cooperstown	68.4 M	-1.2	97	14+	42	1+	37	7	0	1.26	-1.33	.42	3	.0	0		7	0
Devils Lake WB City	68.2	.8	97	24+	42	10	46	6	0	2.09	- .48	1.45	29	.0	0		7	1
Edgeley Exp. Farm	67.1	-2.8	95	25	43	2+		6	0	3.09	.52	1.11	3	.0	0		6	2
Edmore 1 W	66.3	-1.2	96	24+	39	10+	07	7	0	1.50	-1.34	1.10	29	.0	0		6	1
Ellendale	69.3	-1.6	93	25	47	4	73	7	0	4.62	1.97	1.85	3	T	0		9	3
Fargo WB Airport //	68.5	.4	93	14+	43	10	35	4	0	3.77	.34	1.86	3	.0	0		10	2
Forman	69.4	- .7	96	25	42	12	20	6	0	1.65	-1.23	1.41	3	.0	0		4	1
Fullerton	70.0	- .2	95	25	49	2	15	7	0	2.59	- .29	1.81	3	.0	0		6	2
Gackle	67.6 M	-2.4	94	24	45	3	49		0	3.35	.67	1.87	3	.0	0		6	1
Grafton State School	69.5 M	.7	101	24	40	2+	26	8	0	1.34	-1.42	1.11	30	.0	0		3	1
Grand Forks CAA AP //	68.2	- .3	99	24	42	1+	35	6	0	1.28	-1.50	1.20	29	.0	0		4	1
Grand Forks Univ.	68.0	- .5	97	28	43	1	27	6	0	1.54	-1.24	1.44	30	.0	0		4	1
Grand Rapids 1 N	69.4		94	24	44	11	20	7	0	2.10		1.07	3	.0	0		8	1
Hankinson RR Sta.	69.3	-2.1	94	26	49	4		2	0	3.64	.77	2.80	3	.0	0		6	1
Hannah	65.4	- .8	94	24	38	19	79	5	0	1.74	- .69	.80	29	.0	0		7	1
Hilleboro	68.9	-1.8	97	25	43	1	24	9	0	1.42	-1.22	1.02	3	.0	0		8	1
Jamestown CAA AP //	67.4	-2.2	95	24	42	10+	46	6	0	2.34	- .38	1.13	3	T	0		12	1
Jamestown State Hospi	68.5	-1.1	98	24	42	11	30	6	0	2.41	- .28	1.00	3	T	0		11	1
Kensal Wildlife Refuge	68.1		97	14	40	2+	43	8	0	2.15		1.15	3	.0	0		7	1
Langdon Exp. Farm	65.6	- .7	96	24	39	10+	77	5	0	1.75	- .75	1.00	30	.0	0		7	1
Larimore	69.0	.9	99	28	40	1	36	7	0	1.82	-1.02	1.92	30	.0	0		1	1
Lisbon	67.5	-2.9	105	25	42	1		3	0	4.44	1.54	2.52	3	.0	0		8	2
Mayville	88.8	-1.4	96	24+	42	1	26	5	0	1.66	-1.05	.79	30	.0	0		8	1
McHenry 5 N	67.2	- .9	96	14	42	10	53	8	0	1.07	-1.73	.40	30	.0	0		8	0
McLeod 3 E	68.2	-3.2	95	14	42	11	31	4	0	3.58	.73	2.29	3	.0	0		7	2
Munich 4 SW	66.1		96	24	38	10	70	7	0	2.56		1.78	28	.0	0		9	1
Oakes	67.9	-3.8	92	26	47	4+		6	0	2.55	- .30	1.33	3	T	0		10	1
Park River	68.9	.4	98	24	43	2+	24	7	0	1.82	- .99	1.10	30	.0	0		4	1
Pembina 2 N //	68.3	.5	88	28	39	19	43	7	0	1.22	-1.18	.78	30	.0	0		4	1
Petersburg	68.0		97	14+	41	1+	38	8	0	2.63	- .33	2.30	30	.0	0		6	1
Sharon	67.5	-3.3	94	27	41	10	38	4	0	1.03	-1.66	.57	3	.0	0		5	1
Valley City	69.3	- .8	93	14+	42	1	26	7	0	2.85	.13	1.84	3	.0	0		8	1
Wahpeton State School	69.8	-1.3	83	25	46	10	17	3	0	2.53	- .42	1.03	26	.0	0		10	2
DIVISION	68.1	-1.3								2.24	- .85			T				
MIDDLE DIVISION																		
Asbley //	67.3	-2.4	92	24	41	4	49	5	0	5.18	2.52	1.61	3	T	0		12	3
Selcourt Indian Res.	65.2		95	28	36	4	86	5	0	2.54		1.75	29	.0	0		9	1
Siebee	67.8 M	.4	97	24+			48	6	0	2.29	- .41	1.35	28	.0	0		8	1
Bismarck WB City	89.4	-1.1	98	15	45	11		5	0	4.12	1.84	1.38	17	.0	0		10	2
Bismarck WB Airport	69.9	.5	99	14	43	10	28	6	0	3.84	1.60	.92	17	.0	0		11	4
Bottineau	67.5 M	- .1	98	25+	37	10		6	0	1.42	- .97	.43	8	.0	0		7	0
Butte	69.2	- .8	99	24	42	10	34	9	0	1.00	-1.73	.42	24	T	0		8	0
Carson 2 SW	68.8 M	-2.0	102	24	41	1+	55	10	0	1.79	- .20	.53	3	.0	0		9	1
Center	67.8 M	-3.2	96	14+	39	1	51	6	0	2.49	.07	1.00	17	.0	0		8	2
Drake	67.8	-3.8	98	25	41	10		4	0	.90	-1.40	.18	7	.0	0		8	0
Dunseith State San.	67.1	.1	98	28	40	11	51	5	0	2.06	- .61	1.42	29	T	0		5	1
Eckman	68.9	-1.1	99	28	38	9		8	0	.37	-1.89	.18	7	.0	0		5	0
Feeeenden	68.3 M	-1.1	94	24	42	4	45	4	0	1.26	-1.31	.41	8	.0	0		6	0
Fort Yates	69.6	-3.1	88	24	43	1	32	7	0	3.14	1.06	1.02	18	.0	0		7	4
Foxholm Wildlife Refuge	68.8	- .9	101	28	40	10+	39	9	0	.87	-1.08	.24	7	.0	0		7	0
Garrieon	68.7	- .5	99	24	44	10	35	8	0	1.62	- .87	.86	29	.0	0		9	1
Granville	70.4 M	1.7	99	24+			39	7	0	.59	-1.68	.31	7	.0	0		6	0
Hansboro	65.3 M	-1.0	98	24	35	10	82		0	1.81	- .73	1.03	29	.0	0		5	2
Leede	68.9 M		98	25+	40	11	45	9	0	1.87		1.31	30	.0	0		4	1
Linton	69.9	-2.8	98	24	43	11	28	8	0	3.35	1.22	1.25	3	.0	0		11	2
Maddock Agr. School	67.4	-1.5	98	28	39	10	57	7	0	1.17	-1.52	.38	9	.0	0		9	0
Mandan Exp. Station	68.5	-3.4	97	15	43	11		5	0	4.05	1.74	1.91	17	.0	0		7	3
Mandan Fort Lincoln	70.5		101	14	44	11	25	12	0	3.80		1.70	17	.0	0		9	3
Max	68.1 M	-3.3	98	24	40	10	32	8	0	1.55	- .99	.67	30	.0	0		7	1
McClueky	69.4	-1.0	97	24	43	10	31	7	0	1.62	- .87	.34	20	.0	0		9	0
Minot CAA AP //	68.4	- .4	100	24	39	10	49	7	0	.81	-1.24	.29	29	.0	0		6	0
Minot Exp. Farm	68.8		99	24	40	10	41	8	0	1.15		.36	29	.0	0		6	0
Mohall	66.6	- .9	100	28	38	10	61	6	0	.48	-1.97	.27	7	.0	0		7	0
Napoleon 1 SE	68.0	-1.4	92	14+	42	10	39	5	0	3.65	1.14	1.70	17	T	0		11	2
New Salem 1 S	68.8	-2.0	98	24	43	2	48	6	0	2.91	.74	.70	3	T	0		10	3
Pettibone	68.9	- .6	96	24	44	11	39	7	0	2.70	- .04	1.24	3	.0	0		10	1
Riverdale	68.9		96	24	43	10	35	7	0	1.87		.38	22	T	0		9	0
Rolla	66.6	- .1	97	24	42	2	61	5	0	2.79	.11	2.01	29	.0	0		8	1
Rugby	69.0		97	24	38	8	37	9	0	1.63	-1.05	.59	25	T	0		6	1
Steele	67.8 M	-2.4	104	28	44	4+	46	5	0	3.15	.33	1.49	3	.0	0		9	2
Towner	68.1	-1.0	98	24+	42	4+	36	7	0	.79	-1.62	.37	9	.0	0		3	0
Turtle Lake	68.5 M	-1.0	96	24	43	9+	35	5	0	1.40	-1.15	.30	31	.0	0		10	0
Underwood 12 W	69.0 M	-2.9	98	23+	37	1	55	10	0	1.57	- .83	.45	31	T	0		8	0
Upham 3 N	68.0		100	28	37	10+	49	9	0	.91		.32	9	.0	0		5	0
Velva	68.5	-1.5	96	24+	40	10	49	4	0	1.07	-1.25	.44	7	T	0		7	0
Washburn	70.6	- .6	98	14	44	10	23	10	0	1.15	-1.47	.54	26	.0	0		9	1
Weethope	67.9	.0	98	24+	39	10	41	8	0	.81	-1.51	.25	17	.0	0		4	0
Willow City	66.5 M	- .1	98	24+	40	4+	69	7	0	.85	-1.44	.24	7	T	0		8	0
Wilton RR Station	67.0	-3.4	97	15	42	10		5	0	1.89	- .42	.82	26	.0	0		11	1
DIVISION	68.3	-1.3								1.96	- .53			T				

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Station	Temperature							No. of days		Precipitation							No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail Total	Snow, Sleet, Hail Max depth on ground at obsn.	Snow, Sleet, Hail Date	.01 or more	.50 or more	1.00 or more
KSTERN DIVISION																			
st 7 SW	68.8		97	24	44	1	40	7	0	3.72		1.03	2	T	0		10	3	1
on	68.3 M	-2.1	102	25	41	11		8	0	1.99	- .15	1.04	3	.0	0		6	1	1
n	68.0	-1.9	100	25	40	1		10	0	2.04	.24			.0	0		10		
ield	68.0 M	-2.0	99	14+	39	1	64	10	0	3.88	1.66	1.14	26	.0	0		14	3	2
ells	66.9	- .6	101	29	36	10		7	0	.55	-1.68	.22	17	.0	0		5	0	0
lls 5 E	65.3		97	29	36	10		4	0	.45		.20	17	.0	0		4	0	0
n Court House //	68.3	-2.6	101	24	40	11	72	10	0	2.78	.70	2.05	2	.0	0		9	1	1
by	68.0	.1	104	28	39	11	53	8	0	.75	-1.33	.47	1	.0	0		4	0	0
nson CAA AP	68.3	- .7	100	24	40	1	60	9	0	2.70	.49	1.21	2	.0	0		8	2	.1
nson Exp. Sta.	67.8	-1.2	102	25	36	4		10	0	2.39	.18	1.27	3	.0	0		11	1	1
Center	67.5	-1.5	96	15+	38	1		10	0	2.79	.46	1.39	17	.0	0		12	1	1
roods	68.4 M	-1.5	102	24	37	1+	64	10	0	1.26	-1.13	.30	17+	.0	0		7	0	0
g	72.6 M	1.8	105	28	37	10	19	13	0	.54	-1.51	.20	17	.0	0		5	0	0
nger	69.0	-2.7	98	14+	40	1	67	10	0	1.85	- .43	1.05	2	.0	0		8	2	1
re	67.1 M	-2.2			40	10			0	.66	-1.64	.28	8	.0	0		5	0	0
rood 12 N	67.0		98	27	41	10	61	7	0	.38		.14	28	.0	0		6	0	0
rth	70.6 M	- .4	102	24			33	11	0	2.88	.97	1.24	2	.0	0		10	2	1
a 4 NNE	69.4 M		102	24	35	3	60	12	0	1.97		.84	2	T	0		10	2	0
	67.3	-4.3	100	24	36	1	70	5	0	2.95	.82			.0	0		10		0
ngland	68.0	-2.5	101	24	36	1	69	10	0	1.55	- .58	1.14	2	.0	0		4	1	1
all	67.7	-1.9	100	24+	33	10	63	11	0	.67	-1.55	.22	7	.0	0		9	0	0
l	66.8 M	-1.2	101	29	35	10		6	0	.44	-1.63	.25	17	.0	0		4	0	0
s Lake 1 N	65.8	-5.3	100	28	34	10+	89	5	0	.10	-2.17	.10	3	.0	0		1	0	0
rdton Abbey	69.5	-1.6	99	14+	41	1	44	11	0	3.19	.73	1.06	3	T	0		9	3	1
h	67.8	-2.9	103	26+	36	9		11	0	.75	-1.27	.33	17	.0	0		5	0	0
ey	67.7		102	28	39	10	54	7	0	.66	-1.47	.26	17	.0	0		4	0	0
ook	69.9		101	24	35	10	50	13	0	.66		.22	7	.0	0		8	0	0
rd City	70.5	- .6	102	27+	37	10	36	12	0	.74	-1.26	.25	7	T	0		5	0	0
ston WB City	70.6	1.7	100	27	41	10	38	9	0	1.02	- .87	.51	16	T	0		7	1	0
DIVISION	68.3	-1.8								1.60	- .50			T					
STATE	68.2	-1.4								1.94	- .53			T					

DAILY PRECIPITATION

3

Station	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
nder R R Sta.			.05				.05	.25							T										.04				1.20		1.54
t 7 SW		1.03	.82			.02	.16		.07						.01	.01	.13	.42		.02						.05		T				.92
ne		-	-	-	-	-	T		.05	T							.80	.37		.07		T			.18	.28					.10	3.72
a							-	-	-	-							.20			.09												-
n			1.45		.03				.05						.23		.23			.03					.41	.31						2.74
n R	T		1.04			.04			.07	.10					T		T	.29					T			.45						1.99
r R		1.00						.04	.10								.05	.20							.48							1.87
a State Park							.37								.15		.02			.02									1.23			1.79
								.18									.04			.01						.28				2.12		2.63
y	.09		1.61			.03		.09	.02								1.09		.39	.01		.12				1.51			.07		.15	5.18
y R //	.08	.88	.62				.04	.04								.02	1.13	.03	.37			.11			.R6	.59			.06		.18	5.01
ur R							.25		.07								.11			.07				.27	.02	.32						1.11
y		T				T	.11		.42	.03						T										.18			T			.74
	.05	*	1.07			.30	.10		.25	.21					.02										T	.02			T		.02	2.04
R		1.05	.02			.30	.10		.48					.02										.04	.01						2.02
rt Indian Ree	.01						.20	.10							.17		.19			.02				.03		.07			1.75			2.54
rt Indian Res R	.03						.25	.04								.20	.02							.03		.06			1.75			2.38
old		1.08	.11	.03		.56	.05	.04	.21	T	T				.09		.08	.06		.06		.33			1.14	.04	T					3.88
old							.17		.11							.05	.18			.01									.15			.67
n			.20			T	.05		.06	.07					.37		1.06	.05		.04					.21					.02	.06	2.19
n R		.16	.05				.06		.05	.08				.35	.02	1.02	.03	.07		.05					.20					.02	.10	2.24
e							.12	.30	.02								.11			.13						.09		.17	1.35			2.29
rck WB City	T		1.19	.01		T	.05	T	T	T					.40		1.38		.01	T	.06				.17	.43					.42	4.12
rck WB AP R		.83	.25		T	.01	.02	T	T					T	.31	.50	.92	T	T	.03				T	.15	.21					.61	3.84
neau							T	.43	.02	T					T		.30			.04						.22				.35	.06	1.42
lle								.15	.02	.14							.22			.02												.55
lle 5 E							T	.08	T	.15							.20			.02						T						.45
n Court House	.07	2.05	.03				.04		.05						T					.07		.02		T		.23			.22			2.78
n Court House R //	.09	2.17	.02				.05		.05					.02					.07			.02			.25			.22	.02			2.98
n 11 SE	.03	.64				.08								T						T		T				.50			.16			1.41
n 30 NNW		.96				.08																				1.10						2.12
R		1.06						.05	.14								.21	.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
an		.03	.95						.02						.06		.25					.02		.28	.08	.13			.04			1.86
16 N	1.34					.04			.09									.43					.24	.25	.3R						2.77
R							T		.11	.01					.02		.18			.11				.42		.06		.01			.08	1.00
gton			.01	.04			*	.35	.03							.03	.03			.31				.03		.05		.95	.61		.02	2.41
n R		.98	.15					.10	.04	.13	T				.07	T	.09			.01	.03				.07	.05				.05	T	.69
n 2 SW		.30	.53			.03			.06									.52				.06		.03	.19	.15						2.14
ler	.01						.03	.38	.08									.27	T	.03		.02		.10	T	.43						1.79
r	T	T	.50		.02	T	T		.07						.40	T	1.00	.02		T				T		T				.96		1.39
te			1.20					.12									.04			.03				T	T	.15				.30	2.49
bus							.01	.02									.22									.13				.05		1.54
rstown			.42					.10	.30								.08			.11					T	T				.10	.15	.25
enay			1.20			.01										.07	.08				.04				.13							1.26
y	.47						T	.04		.02							.22									T							1.53
y R										.02						.21				.02												.25
n R		.39	.78					.04							.15		.33								.50	.12			.40		.08	2.79
s Lake WB City R	T		T		T		.32	T	.02	T	T					T	.03			.01				T		.24		.02	1.45		T	2.09
nson CAA AP	.03	1.21	.02			.35	T	T	.10					.04	T	T	T	.29	T	T				T	.66	T		T				2.70
nson CAA AP R	.05	1.20	.04			.36	.02		.10					.04	.02			.29							.69	.01						2.82
nson Exp Sta.	.09		1.27			.32	.05		.12	.09					.05		.10	T	.28	.01	T				T	.01						2.39
brook			T		.10		T	.04	.06								.20			.04									.06			.50
							.18	.05		.12							.12			.05					.14	.15					.09	.90
Canter	.22		.19				.12	T	.06	.12					.31		1.39	.03	.08	.03	.03					.21						2.79
ith St Sanita								.25									.22			.04						.13			1.42			2.06
n				.05		T	.18	.05	T							.04									T					.05		.37
ey Exp Farm	T		1.11	.12					.20						T		.48									.27				.91		3.09
ey Exp Farm R		.60	.58				.17	.21									.48								.05	.24			.68		.07	3.00
e 1 W	.03				T		.11	.21							T		.02			T				.03		T		T	1.10		T	1.50
oode							.13		.04						.10		.30	T	T	.15					.26	T					.30	1.28
5 8		.60	.26						.26						T			.33	T	T		.32		.41	T	.61		T	T	T	T	2.79
dale	T	T	1.85	T	.04	.02	1.01	.03	T								1.53	T	T	.01		T				.04				T	.09	4.62
g							.15	T	.02								.20	.05								.12						.54
d R					.21		.44		.25							.02	.08									.07			.02		.09	1.18
field 8 N		.33	.14			T		T	.36	T					.14		.86	.02		.06						.05						1.98
W8 Airport R //	.07		1.86		T	T		.01	.01						.01	.01	.20			.03				.43	T	1.14			T	T		3.77
ndan			T					.41	.18								.10			.03					.39	.15						1.26
er	.08	1.90								.10							.20	.10	.44		.03					.30						3.15
on					.11	T		.02								T	.24			.04												.41
e 13 NW	T	T	1.30			.03	.57	T		.02							1.59			T						1.44					T	4.95
		T	1.41		.03		T	.03	.18											T												1.65
Patas	T	.60	.56													T		1.02		.10		.20		T					.56		.10	3.14

See reference notes following Station Index.

Table 3—Continued

DAILY PRECIPITATION

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Yates	R		.73	.32															1.03				.11			.28	.80					.08
Foxholm Wildlife R		.01						.24	.08	.18	T							.08	T		.05									.23		
Fryburg	R		1.22	.01			.80		.04	.13					.06	.01	.02						.32			.10						.28
Fullerton		T	T	1.81	T			T	T	.07								.52			T	T					.07			.08		.04
Gackle				1.87					.19									.40			.04						.41				.44	
Garrison				.01			T	.01	T	T						.10	.13	.05	T		.09						.13			.88		.24
Gladstone 22 N	R		.54	.02			.04	.14							.15		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glen Ullin	R		1.52	.08			.05											.63	.48						.32	.19	.11					.05
Glen Ullin 13 N			.18	1.04						.18						.07		.40	.18	.10					.27	.06				.30		
Golden Valley 10 S				.59						T								.9R	.20					.02		.06					
Golva 1 SE	R		.88					.14		.13													.05						.85	-	-	-
Grace City								.14		.23						.06		.05			.03				.29		.04			.05		
Grafton State School									.21									T									.02		T		1.11	
Grand Forks CAA AP		T				T	T	.05							T		T	.02			.01				T		T		1.20		
Grand Forks CAA AP	R //							.0S										.02												1.20		
Grand Forks Univ						T	T	T	.07						.02			.01			T	T				T	T			1.44		
Grand Rapide 1 N				1.07						.20								.42		T	.02		T				.29				.10	T
Grano	R //		-	-	-	-	-	-		.11							.08	.02													.04	
Granville								.31		.04	T						T	.16			.03						.02			T		.03
Grassy Butte	R		.46	.02			.04	.50	.02	*	*	*	*	*	*	.40	1.28				.05					.03						
Grassy Butte 10 N		.28					T	.27	T									1.47	.17													
Haley	R		.97																				.28			.04			.87	.01		
Halliday								.12		.07	.03					.18		.93	.19	.04				.60								
Halliday	R	-	-	-				.07		.10					.15		-	-	.19		.08					.60						
Hankinson R R Sta				2.80	.15	.02	T										.40	.25										.02				
Hannaford	R			1.00				.10		.15								.04			.10				.09		.06			.21		
Hannah								T	.30		.07	T		T	T						.16				T		.08		.31	.80	.02	
Hanehoro		T						T	.21	T								T			.03						.52			1.03		.02
Harvey 3 N8								.08		.30								.12			.02				.26	.13	.53				.03	.07
Haynes 6 NE	R		1.19	.02																	.04		.24			.09	.02		.04	.08		
Hazelton R R Sta	R //		.64	.79					.17	.25							.07	1.48			.04		-	-	-	-	-	-	-	-	.38	-
Hettinger		T	1.05	.01			.04		T	.04											.02		.54				.10			.05		
Hettinger 17 N	R		.83	.02			.06		.06	.16													.18			.25	.02		.12	.03		
Hillsboro		T		1.02		T	T		.22	.06								.0S			.06					T	T			.01		
Hurdefield	R							.02								.10		.10			.07				.15		.14			.22		
Jamestown CAA AP		.02	.01	1.13		T	T			.02						.06	T	.35		T	.03		.04		.30	.01	.33			.04		T
Jamestown CAA AP	R //		.04	1.03												.06		.34			.03		.04		.30	.01	.29			.05		
Jamestown State Hosp.		.02		1.00		T			.15	.04						.05		.40			.03			.09		.29	.32				.02	
Keene								.19										.32									T					
Kenmare			.08					T	.28		.05							.20			.05											
Kenmare	R							.22		.05						.20	.02				.03											
Kensel Wildlife Ref				1.15			T		.15	.15						.15		.14								.29	.12					
Killdeer 8 NW		.44		.23				.22		.43								.94	.18		.38											
Kramer 5 SE	R							.13	.01	.20							.02	.04									.07			.01		.05
Kulm				1.72						.06								1.08									.31			.14		.05
Langdon Exp Farm								.02	.38		T							.04				.02					.05		.24		1.00	
Lansford								.18		.07								.07			.05											
Larimore																		T			T					T					1.92	
Leeds								.03	.45	.08																T					1.31	
Lefore 10 E			.95	.36			.23			.12								T	1.20						.06	T	.59					
Linton		*	.10	1.25					.04	.19								.43	.11		.03		.03				.87			.30		T
Liehon				2.52	.52	.02			.05	.20	.13							.41									.15	.44			T		
Litchville				1.55					.22	.15						.02		.50			.02					.02	.30				T		
Loetwood 12 N								.11	.07								.01	.01			.04								.14			
Haddock Agr School						.08		.12	.18	.38								.08			.06				T		.10			.01	16	T
Mandan Exp Station		T		1.19	T		T	.01	T	T	T					.17	T	1.91	T		.05	T			T	.56						.18
Mandan Exp Station	R		.90	.24												.18	1.25	.63			.05				.29	.26						.25
Mandan Ft. Lincoln		T		.98			.01	.05								.09		1.70	T		.05				.14	.23						.55
Marmarth		.06	1.24	.16				.06								.05	T			.12	.05		.24			.05			.05	.85		
Marmarth M O U C	R	.05	1.68	.02				.03		.28	.02	.03			.05					.10			.24			.05			.78			
Martin								T	.17	.18								.12			.08				.18		1.10					10
Max							.15		.20	.20	T							.20			.07					.06					.67	
Mayville		T		.43		T			.30	.02						T		.01			.06					T	.02				.7S	.03
Mc Clusky								.03	.06	.18								.18			.84				.31		.33				.09	.10
Mc Gregor R R Sta	R							.10													.09	-	-	-	-	-	-	-	-	-	-	-
Mc Henry 5 N				T		T		.02	.23	.22						.03		.05			.02				T					.03	.40	.07
Mc Leod 3 E			T	2.29		.01	.02		.03							.03		.87		T							.83				T	
McVille									.05	.04								.03								.03				1.25	.05	
Medina 1 W				.87					T	.12						.11		.40						.08			.08				.18	.08
Medora			1.10	.05			.38			.12						.06										.15			.08			
Medora 4 NNE			.84	.24			.55	.01	.03	.09	T					.07	T	.08			T						.03					.0S
Melville	R			1.30				.10		.11						.05		.11							.08	*	.08			.03		
Minot CAA AP						T	T	.14	T	.09							.20	.01		T	.08					T				.29		
Minot Exp Farm		T						.28	T	.11	.10						T	.24			.06									.36		
Moffit 4 SE				1.42			.02	T		T	.03					.06		1.54	.02		.02						.7S				.18	.10
Mohall								.27	.01	.03							.03	.10			.03						T			.01		T
Montpelier				.95	.08				.08	.06	.03						.12		.43			.03		T		T	.55				T	T
Mott			.61	.44			.01		T	.18								.22			T		.13		.51	*	.62					.22
Mott	R		.91	.12						.21	.02							.24					.15			.64			.05			.24
Munich 4 SW								.03	.30	.03						T		.10			.10						.08		.11	1.78	T	.03
Napoleon 1 SE		T		1.12			.04		.13	.05						.03		1.70	.02	T	.05					T	.35				.04	.12
Napoleon 1 SE	R		.39	.62				-	-	-	-							1.72								*	.35			.04		.10
New England			1.14				.07			.17																	.17					
New Rockford 7 WNW				.06		T	T		.26	.16						T	.08				.06				T	.07				.19	T	
New Salem 1 S			.36	.70			T			.30						.03		.S0	.08		.04		T			.05	.25					.60
Noonan								.0S											.15													
Northgate	R			-	-	-	-	-	-	-	-	-	-	-	-	-	.23				.06								.04			
Nortonville				1.31					.04	.09								.40			.01						.40			.04		
Oakes				1.33	.27	.02		T	05	.05	.01							.45	T			.02					.14			.21		
Oakes	R		.73	.79				.03	.05									.40									.11			.19		
Park River		T						T	.33	T								T								.02	.17				1.10	
Parshall		.01					.01	.22		.02						.06	.04	.15	.07		.09									T		
Pembina 2 N							T	.32	.10	T								T				.02				T				.78		
Pembina 2 N	R //							.30	.07												.02									.77		
Petersburg									.11									.04								.09	.06				2.30	.03
Pettibone				1.24					T	.07						.36		.25			.02			.18		.14	.14				.28	.02
Pettibone	R		.16	1.30				.05							.07	.33	.05	.23					.17		.05	.09	.11			.25		.05
Pingree				1.18				T	T	T						.06		.10				.08			.18		.12				.04	
Portal									.10	.01								.25			.08						T					
Powers Lake 1 N				.10																												
Pretty Rock		.12	.31	.45			.04	T	.04	.10		.02						T	.34		T		.10		T		.40			.04		.04
Reeder			2.14					.11															.23				.12			.29		
Reeder 14 N		.03	.04	1.06			.05			.12	.21					.02			.03					.06			.41			.02		
Richardton Ahbey		T	.51	1.06			.03	.08		.16						T		.72	.47		.03				T	T	.13					
Richardton Ahbey	R		1.51	.05			.04	.10		.15							.75		.45		.04					.11	.02					
Riverdale				.03			T	T		.24						.35	T	.09	T	T	.06		.38		T		.26			.09		.37
Riverdale	R			.03						.21						.41		.10			.09		.40				.26			.10		.37
Rolette	R								.26								.09								.08		.15		.20	.09		
Rolla		.08						.07	.20	.01								.11			T						.24		.07	2.01		
Rugby						T			.28	.29	.01							.04								.59				.42		
Ryder		T						.34	T	T								T		.22	.06					.05				.33		
Ryder	R							.25									.15	.05			.05						.05			.38		
Sanisb				.10				.27								.02		.33	T		.03											
Sarles	R //	.13						.42													.20						1.01			.67		
Scranton		.02	2.68	.08		.03				.09							T				T		.19				.19			.08		
Selfridge 11 W				.67			.06				.10			.06					.35					.06			.84					.35
Sentinel Butte 20 S			1.10	.06	T		.15	.06	.12	.06						.04	.04										.21			.08		
Sharon				.57					.10							T		.07			T					T					.20	.09
Sherwood								.13	.12	.06							.06	.18			.03								.08			.02
Sheyenne	R							.23	.02	.34							.02	.07									.66			.18		
Shields			.26				T			.03						T			.34		.03		.09			.16	.76					.63
Stanley								.15		T							.06	.26												.19		
Stanley	R							.20									.26	.04			.04									.22		
Steele				1.49			T		.07	.04								.35			.03					.05	.27				.60	.25
Sykoeton									.26							.08					.02				.06	.06				.04		
Tagus						T		.17		.02							T	.15			.03									.36		
Tioga								.17	.20									.10			.38											
Tolley 4 NE								.56		.19								.11									.07					
Towner								.32		.37								.10	T		T											
Trotters 6 WNW			*	.80			T	.06	T						T			.02		T		.01				.01					
Trotters 3 S	R		.81	.02			.07	.23	.05	.12					.06		.08	.02					.02									
Turtle Lake								T		.11	.08					.11	T	.12	.01		.10		.08				.24			2S		.30
Tuttle 8 SW				.98						.22						.18				.05			.28							.05		.18
Underwood 12 W				.02		T			.17					T	.20	T	.32	T	T	.08		T		T		.25			.08	T	T	.45
Upham 3 N						T		T	.24	.32								.03			.01						.31					
Valley City				1.84		.03				.08						.01		.45			.01					.20	.23			T		T
Van Hook				.02			.04	.22								.09	.14	.10	.02	T	.03									T		
Velva								.44	.22	.02							T	.21			.03				.02							.13
Verona				1.03							.10							.43														
Wahpeton Power Plant	R	.08		.89			.02		.03							.20		.35									1.00					
Wahpeton State School		.11		.78		.02		.04		.05						.07	.05	.37									1.03				.01	

See reference notes following Station Index.

ble 3—Continued

DAILY PRECIPITATION

NORTH DAKOTA
JULY 1951

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
halla							.40																									
wick							.20									T											.10		.03	.68		1.21
hburn			.05			T	.03		.03						.06		.13	T		.07									1.48		.35	2.03
hburn Water Wks R			.05						.10						.07		.20			.05				T		.54			.04		.20	1.15
auga S Dak 8 N		.20	.67			02			.05						T	T		.45		.05					.12	.44			.05		.20	1.34
ford City						.06	.25										.20	.19		.07		.18				.47						2.11
ford City 11 E R						.05	.24		.03							.45		.04		.04												.74
ford	T	.27	.02			.28	.09		T								1.22	.22	T													.81
thope							.21	.17							T		.25			T												2.11
drose							.07		T							T	.06	T	T							T			.18			.81
liston WB City R		.02				T	.08	.01	T	T						.51		T	T	.07						.08		T				.19
low City	T			T			.24	.10	.08							T	.08			.05				.08	.07	.14		.26				1.02
ton R R Sta.	.02		.31				.02		.05	.04					.12		.24			.05					.01	.82					.08	.85
dworth 5 E			1.01						T						.10		.14			T			.14		.17	.27				.11	T	1.89
l							T										.08								.10							1.94
																																.18

ble 4

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
												—1st—													
LEY //	.02	.06																							
COURT INDIAN RES														.02	.01										.08
MAN COURT HOUSE //										.01	.01	.01			.01	.05									.03
KINSON CAA																	.02	.03							.09
GO WB AIRPORT //													.01	.04	.02										.05
RISON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.07
LIDAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARTH M D U CO														.01	.02		.01		.01						-
OT CAA //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.05
B //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LES 3 E //														.13											-
PETON POWER PLANT																	.0B								.13
																									.08
												—2d—													
DON							*	*	*	*	*	.35	.04	.16	.20	.13	.04	.05	.03						1.00
LEY																				.03	.51	.10	.11	.13	.88
CH						.01	.03			.02	.11	.22	.38	.18	.02	.02						.01	.04	.01	1.05
LAH																			.02	.02	.04	.07	.01		.16
MARCK WB AIRPORT																				.19	.04	.26	.16	.18	.83
MAN COURT HOUSE //									.03	.27	.02	.14	.28	.96	.40	.04				.01	.01	.01			2.17
IEN																	.11	.18	.04	.13	.31	.14	.14	.01	1.06
HANAN																								.03	.03
SON																.01	.31	.13	.11	.11	.05	.06	.09	.11	.98
SON																						.02	.15	.22	.39
KINSON CAA												.02	.05	.03	.04	.15	.30	.17	.16	.14	.06	.03	.04	.01	1.20
LEY EXP FARM																					.02	.23	.17	.18	.60
T YATES						.01	.01											.37	.09	.12		.01	.02	.10	.73
BURG											.02	.15	.13	.16	.26	.17	.10	.16	.04	.01		.01	.01		1.22
DSTONE 22N															.04	.04	.03	.06	.13	.0B	.08	.04	.03	.01	.54
N ULLIN																.07	.18	.20	.30	.40	.17	.0B	.03	.09	1.52
A 1 S E										.01	.07	.35	.31	.13	.01										.88
IO //										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5Y BUTTE															.05	.02	.0B	.09	.07	.08	.05	.01		.01	.46
LY																									
ES 6 NE											.01	.13	.20	.24	.04	.01		.17	.12	.02	.03				.97
LTON R R STATION //													.02	.08	.37	.24	.05	.02	.04	.29	.07		.01		1.19
INGER 17N																				.03	.12	.25	.11	.13	.64
5TOWN CAA //													.01	.18	.29	.11	.04	.05	.12	.02				.01	.83
AN EXP STATION																								.04	.04
ARTB M O U CO																			.05	.32	.04	.19	.15	.15	.90
RA										.21	.10	.73	.34	.09			.01			.03	.09	.07		.01	1.68
											.08	.16	.1	.15	.14	.13	.08	.07	.01	.01	.02	.03	.04	.02	1.10
LEON 1 5E														.01	.16	.23	.07	.03	.08	.02	.11	.10	.08	.02	.91
S																					.02	.11	.13	.13	.39
IBONE																					.09	.18	.34	.12	.73
ARDTON A88EY																							.06	.10	.16
TERS 35													.10	.03		.08	.29	.20	.19	.25	.14	.10	.10	.03	1.51
ISTON WB CITY												.02	.03	.12	.13	.15	.12	.08	.04	.05	.02	.04		.01	.81
																						.02			.02
												—3d—													
EY //	.06	.01	.03	.05	.27	.15	.02	.01	.02																
H	.01	.01																							.62
AH	.01	.03	.01																						.02
ARCK WB AIRPORT	.13	.11	.01																						.05
AN COURT HOUSE //	.01	.01																							.25
ANAN	.08	.21	.18	.16	.14	.07	.02		.01		.01	.02	.02	.03											.02
ON	.13	.01	.01																						.95
ON	.20	.19	.11	.09	.05	.04	.05	.04	.01																.15
INSON CAA	.01	.01			.01		.01																		.78
LEY EXP FARM	.17	.11	.16	.03	.01				.01	.04	.06														.04
O WB AIRPORT //		.03	.09	.09	.83	.31	.14	.17	.10	.02	.02	.03		.02	.01										.59
YATES	.12	.15	.02					.01		.01	.01														1.86
JRG			.01																						.32
STONE 22N	.01	.01																							.01
ULLIN	.03	.03	.01	.01																					.02
SY BUTTE	.02																								.08
IOAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						.02
IFORD			.06	.24	.27	.04	.04	.10	.05				.01	.13	.06										-
ES 6 NE		.02																							1.00
TON R R STATION //	.36	.20	.10	.05	.06	.02																			.02
INGER 17N	.01	.01																							.79
STOWN CAA //	.18	.27	.25	.17	.09		.01	.01	.01		.01		.01	.02											.02
N EXP STATION	.16	.06	.01	.01																					1.03
RTH M D U CO	.01		.01																						.24
A	.01	.01	.01					.02																	.02
LLE	.02	.08	.13	.40	.21	.11	.16	.07	.03	.04	.04	.01													.05
	.05	.05			.01		.01																		1.30
SON 1 SE	.02	.21	.15	.02	.02	.15	.04	.01																	.12
GATE																									.62
	.08	.19	.06	.04	.03	.04	.07	.05	.12	.04	.02		.05					-	-	-	-	-	-	-	-
BONE	.15	.18	.33	.17	.08	.03	.09	.11	.12	.01				.01	.01	.01									.79
RDTON ABBEY	.01	.02						.01		.01															1.30
																									.05

See reference notes following Station Index.

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
RIVERDALE			.01	.02																				
TROTTERS 3S	.01	.01																						
WAHPETON POWER PLANT		.20	.22	.17	.04	.09	.10	.01	.02								.04							
WASHBURN WATER WKS					.02	.01			.01	.01														
												—5th—												
ESMOND					.19	.02																		
												—6th—												
BEACH	.01	.02		.17	.10																			
BISMARCK WB AIRPORT						.01																		
DICKINSON CAA			.01			.33		.01	.01															
FRYBURG		.01	.01		.77			.01																
GLADSTONE 22N															.04									
GLEN ULLIN							.05																	
GRASSY BUTTE		.01	.01		.02																			
HETTINGER 17N						.03	.03																	
MEDORA	.01	.01		.18	.18																			
RICHARDTON ABBEY						.02	.02																	
TROTTERS 3S		.01		.05	.01																			
WAHPETON POWER PLANT																				.02				
WATFORD CITY 11E							.04	.01																
												—7th—												
ANTLER																	.27	.03	.01	.01	.04	.01		
ASHLEY //													.01	.02	.01									
BALFOUR						.03	.02	.13	.01										.03	.03				
BEACH				.09	.01																			
BELCOURT INDIAN RES																			.20				.05	
BEULAH		.01		.01	.03	.01																		
BISMARCK WB AIRPORT							.02																	
BOWMAN COURT HOUSE //						.02	.03											•	•	•	•	•	•	•
CANDO																								
DEVILS LAKE WB CITY								.07	.02	.01									.10	.01	.11			
DICKINSON CAA		.01			.01																			
ESMOND							.10	.11		.01									.02	.18	.02			
GLADSTONE 22N	.01	.04	.02		.07																			
GOLVA 1 S E					.12									.02										
GRACE CITY																				.03	.02	.08		.01
GRAND FORKS CAA //																				•	•	•	•	.05
GRANO //	-	-	-	-	-	-	-	-	-	-							.02	.04						
GRASSY BUTTE			.05	.40											.02	.03								
HALLIDAY			.02	.03	.01	.01																		
HANNAF RD																					.10			
HURDSFIELD								.01	.01															
KENMARE																.13	.07		.01	.01				
KRAMER 5 SE																		.05	.07					.01
MARMARTH M D U CO						.03																		
MC GREGOR RR STATION																.05	.05							
MELVILLE																			.01	.07		.02		
NAPOLEON 1 SE																			-	-	-	-	-	-
OAKES															.03									
PEMBINA																			.01	.02	.17	.10		
PETTIBONE											.05													
RICHARDTON ABBEY					.05	.04	.01																	
ROLETTE																			.10	.10	.01		.04	.01
RYDER					.02	.15		.01										.07						
SARLES 3 E //																			.08	.24	.08			.04
SHEYENNE																				.17	.05	.01		
STANLEY																.09	.07	.04						
TROTTERS 3S			.02	.19											.02									
WATFORD CITY 11E					.03	.03	.02									.08	.06	.02						
WILLISTON WB CITY															.04	.04								
												—8th—												
AMIDON													.01	.02	.01									
ASHLEY //																.01	.03							
BELCOURT INDIAN RES		.01			.01											.02								
BREIEN													.03	.02										
CANDO	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.35		
DAWSON														.01	.03									
EDGELEY EXP FARM																	.16	.01						
FARGO WB AIRPORT //																.01								
FRYBURG															.04									
GRASSY BUTTE																			.02					
HAZELTON R R STATION //															.17									
HETTINGER 17N														.02	.04									
KRAMER 5 SE	.01																							
OAKES																	.02	.03						
PEMBINA																.02				.03	.02			
SHEYENNE	.01	.01																						
TROTTERS 3S														.01	.01				.01				.01	.01
WAHPETON POWER PLANT																		.03						
WILLISTON WB CITY																			.01					
												—9th—												
AMIDON														.10										
BALFOUR													.01	.02	.03		.01							
BEACH				.06	.17	.06	.19																	
BEULAH					.05																			
BOWMAN COURT HOUSE //															.03	.02								
BREIEN																.10	.03	.01						
BUCHANAN												.01	.01											
CANDO								.03																
CARSON																	.06							
DEVILS LAKE WB CITY									.01	.01														
DICKINSON CAA						.10																		
EDGELEY EXP FARM													.19	.01	.01									
ESMOND							.01	.02	.22															
FARGO WB AIRPORT //									.01															
FRYBURG				.01	.08	.01	.01								.02									
GOLVA 1 S E													.04	.01		.08								
GRACE CITY					.01	.12		.09	.01															
GRANO //							.02	.01			.01	.04	.01				.02							
GRASSY BUTTE	.02	.04	.02	.02		.03						.03		.03			.01			•	•	•	•	•
HALLIDAY					.04	.01								.02	.02	.01								
HANNAFORD								.09	.01		.05													
HAZELTON R R STATION //																		.18	.07					
HETTINGER 17N													.02	.01	.06	.04	.01	.02						
KENMARE										.01	.04													
KRAMER 5 SE						.05	.15																	
MARMARTR M D U CO											.04	.05	.01	.13	.02	.03								

See reference notes following Station Index.

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DORA					.05	.01	.01						.02	.01	.02										.12
LVILLE						.06	.01		.02	.01	.01														.11
TT							.03																		.21
CHARDTON ABBEY					.02	.03	.02	.04							.04	.15			.02	.01					.15
YERDALE						.05	.03		.01				.01	.11											.21
KYENNE								.02	.07	.16	.09														.34
OTTERS 3S	.01		.01	.08	.02																				.12
SHBURN WATER WKS							.02	.04							.01	.01		.02							.10
TFORD CITY 11E		.03																							.03
ULAH																									
OSBY						.05	.01																		.06
RMARTH M D U CO																.02									.02
TT		.01		.01														.02							.02
POLEON 1 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						.02
																									-
RMARTH M D U CO		.01			.01		.01																		.03
ACH																									
ULAH														.02											.02
MAN COURT HOUSE	//																					.01	.04	.30	.35
CKINSON CAA																						.02			.02
TBURG																							.02	.02	.04
ADST NE 22N																						.01	.04	.01	.06
LLIDAY																							.13	.02	.15
RMARTH M D U CO																					.05		.01	.09	.15
TTIBONE																					.04	.01			.05
OTTERS 3S																								.07	.07
																						.06			.06
LAH																									
MARCK WB AIRPORT		.01	.01																						
CHANAN		.31																							.02
SON			.01	.05																					.31
CKINSON CAA	.01	.13	.01																						.06
GO WB AIRPORT	//	.01	.01																						.15
TBURG				.01																					.02
CE CITY	.01																								.01
SSY BUTTE			.04	.02																					.01
DSFIELD	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.20					.08
ESTOWN CAA	.02	.03	.05																						.40
DAN EXP STATION	//	.04	.01	.01																					.10
ORA		.13	.05																						.08
VILLE											.01	.01													.18
THGATE				.05																		.01	.03		.08
TIBONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							.05
ERDALE	.25	.05	.01	.01	.01																				-
PETON POWER PLANT	.18	.11	.01					.01										.07	.03						.33
HBURN WATER WKS		.02	.05	.01	.07																.12				.41
																									.20
																									.07
LER																									
LEY	//																								
COURT INDIAN RES											.01			.01				.02		.01	.04		.04	.04	.15
LAH																									.02
MARCK WB AIRPORT																					.05		.02	.13	.20
DO																						.08	.38	.56	1.02
SBY																								.50	.50
OND																						.01	.02		.03
GO WB AIRPORT	//																					.18	.03		.21
BURG																								.02	.02
DSTONE 22N					.02																		.01		.01
MO	//						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.02
SSY BUTTE																							.05	.03	.08
LIDAY																							1.28		1.28
ELTON R R STATION	//							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARE																								.07	.07
MER 5 SE																		.01	.10				.07	.02	.20
DAN EXP STATION																								.02	.02
THGATE																								1.25	1.25
TIBONE																						.02	.16	.05	.23
HARDTON ABBEY																								.05	.05
TTE																								.75	.75
ER																					.05	.03	.01		.09
ENNE																								.15	.15
LEY																								.02	.02
TTERS 35																							.12	.14	.28
FORD CITY 11E																						.05	.03		.08
LISTON WB CITY														.01	.03								.40	.01	.45
														.02	.04							.07	.38		.51
ON																									
LER																									
LEY	//	.01		.01																				.05	.05
OUR		.02	.01	.98	.12																				.02
OURT INDIAN RES		.05	.06																						1.13
AH		.02																							.11
ARCK WB AIRPORT		.01	.01	.01																					.02
EN		.59	.31	.02																					.03
ANAN			.21																						.92
O		.05	.02	.13	.05																				.21
ON		.01	.02																						.25
LS LAKE WB CITY		.06	.09	.16	.02																				.03
LEY EXP FARM			.01	.02																					.33
ND													.02	.03	.23	.20									.03
O WB AIRPORT	//	.05	.01				.02																		.48
ULLIN			.02	.01	.06	.11																			.08
E CITY		.62	.01																						.20
D FORKS CAA	//			.05																					.63
O	//				.01	.01																			.05
IDAY		.01	.01																						.02
AFORD		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					.02
LTON R R STATION	//			.04																					-
SFIELD		1.00	.25	.21																					.04
STOWN CAA	//		.09	.01																					1.46
ARE			.06	.21	.07																				.10
ER 5 5E		.01	.01																						.34
AN EXP STATION		.04																							.02
		.20	.43																						.04
																									.63

-10th-

-11th-

-14th-

-15th-

-16th-

-17th-

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4–Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MELVILLE	.03	.01	.07																						1.
NAPOLEON 1 SE	.35	1.05	.32																						
OAKES		.03	.02	.28	.07																				
PETTIBONE	.01	.05	.16	.01																					
RIVERDALE	.10																								
RYDER	.05																								
SHEYENNE	.02	.03	.02																						
STANLEY	.01	.02		.01																					
TROTTERS 3S	.01	.01																							
WAHPETON POWER PLANT		.03	.04	.06	.17	.03		.02																	
WASHBURN WATER WKS	.19	.01																							
												–18th–													
AMIDON			.10	.10									.02						.01						
ASHLEY //							.02		.02																
BEULAB	.01	.02			.03	.02		.01	.05	.51	.08														
BREIEN					.10		.01	.19	.01	.19	.02														
CARSON				.16	.02	.01			.10																1.
DICKINSON CAA						.01	.09			.06	.09	.73	.04	.01											
FORT YATES							.05	.01	.40	.02															
GLEN ULLIN						.02	.08	.06	.03																
HALLIDAY					.05		.01			.17	.01														
MOTT						.02		.06	.37																
RICHARDTON ABBEY						.04																			
WATFORD CITY 11E												–19th–													
ASHLEY //				.35	.02																	.07			
BOWMAN COURT BOUSE //							–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
BREIEN																			.10						
MARMARTH M D U CO												–20th–													
ANTLER					.02																				
BALFOUR							.05	.02																	
BEULAB				.03	.01		.01																		
BISMARCK WB AIRPORT														.01	.02										
CANDO																		.30	.01						
CROSBY			.02																	.01					
DEVILS LAKE WB CITY																		.02	.01						
FARGO WB AIRPORT //									.01	.01	.01														
GRACE CITY																									
GRASSY BUTTE			.05																						
HALLIDAY				.07		.01			.10																
HANNAFORD												.04													
HAYNES 6 NE															.03	.01									
HAZELTON R R STATION //							.03	.02	.01	.01															
BURDSFIELD																	.03								
JAMESTOWN CAA //						.03																			
KENMARE						.05																			
MANDAN EXP STATION																						.02	.06	.01	
MC GREGOR RR STATION																									
NORTHGATE			.03	.03											.02										
PEMBINA				.02			.02																		
RICHARDTON ABBEY						.04	.02	.03																	
RIVERDALE						.05																			
RYDER																	.18	.02							
SARLES 3 E //					.02	.02																			
STANLEY						.04	.01																		
WASHBURN WATER WKS				.07																					
WILLISTON WB CITY												–21st–													
MC GREGOR RR STATION																	–	–	–	–	–	–	–	–	
												–22d–													
ASBLEY //																		.04	.07						
BOWMAN COURT BOUSE //														.01	.01					.02					
BUCHANAN													.05	.01											
CARSON															.08	.03									
FORT YATES																.29	.03								
FRYBURG																						.05			
GOLVA 1 S E													.08	.02	.11	.05	.01	.01							
HALEY													.05	.05		.12	.01	.01							
HAYNES 6 NE																		–	–	–	–	–	–	–	
HAZELTON R R STATION //															.03	.14	.01								
HETTINGER 17N																			•	•	.04				
JAMESTOWN CAA //														.24											
MARMARTH M D U CO													.05												
MOTT								.01	.01	.02		.06						.17							
PETTIBONE																		.10	.30						
RIVERDALE																									
TROTTERS 3S							.02																		
												–24th–													
BALFOUR																	.10	.17							
BELCOURT INDIAN RES																	.02	.01							
BUCHANAN																		.03			.28				
CANDO																		.02	.01						
CARSON																						.04	.39		
FARGO WB AIRPORT //															.31	.01									
GLEN ULLIN																			.28	.01					
GRACE CITY																				.02	.07				
HANNAFORD																			.13	.02					
BURDSFIELD																				•	•	.30			
JAMESTOWN CAA //																				.08					
MELVILLE																				.05					
PETTIBONE																	.08								
ROLETTE																									
												–25th–													
AMIDON																						.47	.01		
ASHLEY //																							.18	.68	
BALFOUR																								.02	
BEACB																					.03	.01			
BEULAB																								.20	
BISMARCK WB AIRPORT								.02	.06															.07	
BOWMAN COURT BOUSE //																						.25			
BUCHANAN	.02				.01	.01						.01	.01		.01	.01									
CARSON							.04																	.15	

See reference notes following Station Index.

HOURLY PRECIPITATION

Station		A.M. Hour ending												P.M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SON									.10		.03	.01														
KINSON CAA																						.24	.07		.05	.50
ELEY EXP FARM																								.68	.01	.89
T YATES																									.05	.05
BURG																						.23	.04		.01	.28
N ULLIN									.03	.01				.01									.10			.10
SSY BUTTE																									.14	.19
EY																							.03			.03
LIDAY																							.02	.02		.04
NES 6 NE																								.38	.22	.60
ELTON R R STATION	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					.03	.06	.09
TINGER 17N																						.04	.58	.11		-
ESTOWN CAA	//																							.23	.02	.25
DAN EXP STATION										.05		.05	.03	.01				.01								.01
MARTR M D U CO																									.15	.29
ORA																						.05				.05
VILLE											*	*	*	*	*	*	*	*	*				.15			.15
OLEON 1 SE							.17	.01	.01														*	*	*	*
TIBONE																					*	*	*	.30	.15	.64
HARDTON ABBEY											.05	.04												*	*	*
BURN WATER WKS																										.09
LISTON WB CITY																									.11	.11
																									.12	.12
																								.07		.07
														-26th-												
LEY	//	.01	.02	.20	.31	.04	.01																			
COUR		.28	.01	.01	.02																					.59
H			.01																							.32
COURT INDIAN RES									.04	.01	.01															.01
ARCK WB AIRPORT			.10	.11																						.06
ANAN		.03	.01			.08	.01																			.21
O				.05																						.13
ON		.14	.01																							.05
ON		*	*	*	.12																					.15
LS LAKE WB CITY			.16	.06	.02																					.12
INSON CAA			.01																							.24
LEY EXP FARM		.02	.01	.01	.14	.06																				.01
ND			.04		.01					.01	.01															.24
O WB AIRPORT	//						.04	.05	.04			.99	.02													.07
YATES		.01	.6S	.09	.02																					1.14
ULLIN		.11																								.80
E CITY		.01	.01		.02																					.11
AFORD							.06																			.04
ES 6 NE		.02																								.06
LTON R R STATION	//	.01		.01	.03					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.02
INGER 17N		.01	.01																							-
SFIELD		.02	.01	.03	.07	.01																				.02
STOWN CAA	//	.04	.07			.08	.10																			.14
ER 5 SE							.02	.05																		.29
AN EXP STATION			.18	.08																						.07
ILLE		*	*	*	*	*	*	*	*	.08																.26
LEON 1 SE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.35			.08
			.01	.01		.05	.04																			.35
BONE			.02		.02	.07																				.11
RDTON ABBEY		.01	.01																							.11
DALE				.24	.02																					.02
TE					.01	.01		.01	.07	.05																.26
			.05																							.15
S 3 E	//																		.46	.25	.05	.24	.01			.05
NNE		.40	.15	.09	.01	.01																				1.01
TON POWER PLANT															.20	.80										.66
URN WATER WKS		.21	.21	.02																						1.00
																										.44
														-28th-												
N COURT HOUSE	//																									
S LAKE WB CITY						.03	.80	.12													.02	.01	.09	.08	.02	.22
1 S E										.02																.95
																		.07	.58							.02
S 6 NE																								.21	.66	.65
NGER 17N																									.04	.87
RTH M D U CO																								.05	.07	.04
A					.08													.03		.18	.37	.19	.01			.12
																										.78
GATE																								.02	.03	.08
TE					.18	.02												.03	.01							.05
STON WB CITY																										.04
																.19	.07									.20
																										.26
														-29th-												
R																										
Y	//																1.18	.02	.01				.01	.01		1.23
URT INDIAN RES																				.01	.05					.06
N COURT HOUSE	//	.02																*	*	1.75						1.75
NAN																										.02
																					.04					.04
																			.04	.57						.61
LAKE WB CITY																					.38	.01		.01		.40
EY EXP FARM																				.06	1.39					1.45
																							.68			.68
1 S E																			.02							.02
CITY																				-	-	-	-	-	-	-
FORKS CAA	//																				.05					.05
																						.16	.84	.20		1.20
ORD		.01																								.01
6 NE																										.21
ON R R STATION	//	.05	.03																	.02	.19					.08
GER 17N		-	-	-	-	-	-	-	-	-																-
IELD		.02	.01																							.03
OWN CAA	//																			.22						.22
5 SE																					.04	.01				.05
LE																			.01							.01
ON 1 SE																					.03					.03
																				.04						.04
A																								.19		.19
ONE																				.27	.50					.77
ALE																					.25					.25
E																		.03	.07							.10
																			.09							.09
3 E	//														.35				.01	.02						.38
NE																			.50	.17						.67
Y																				.04	.09					.13
RN WATER WKS														.21	.01											.22
																			.05							.05

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station		A. M. Hour ending												P. M. Hour ending											
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
													—30th—												
BEULAH																.02									
GRANO	//																.04								
HAZELTON R R STATION	//																.39								
													—31st—												
ASHLEY	//												.02			.09	.07								
BEULAH				.04	.01												.05								
BISMARCK WB AIRPORT									.31	.19	.11														
BREIEN		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANDO						.02																			
DAWSON																						.05	.03		
EDGELEY EXP FARM												.02	.04	.01											
ESMOND				.02				.03	.03	.01															
FORT YATES																	.03	.05							
FRYBURG							.28																		
GARRISON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GLADSTONE 22N		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GLEN ULLIN							.05																		
GOLVA 1 S E		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAZELTON R R STATION	//									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KRAMER 5 SE				.05																					
MANDAN EXP STATION										.17	.06	.02													
MC GREGOR RR STATION		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MINOT CAA	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOTT																.23	.01								
NAPOLEON 1 SE											.02	.03	.05												
PETTIBONE							.02		.01		.02														
RAUB	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RIVERDALE					.10	.27																			
WASHBURN WATER WKS					.15				.01	.01									.07	.02					

EVAPORATION AND WIND

Table 6

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Bowbells 5 E	EVAP	.20	.23	.22	.32	.37	.31	.40	.29	.30	.15	.23	.30	.41	.27	.30	.33	.20	.31	.32	.26	.52	.35	.26	.33	.35	.25	.22	.36	.40	.34	.34
	WIND	65	35	53	62	182	140	123	154	197	60	54	106	132	113	125	138	48	79	56	115	211	131	105	59	22	66	38	45	95	169	81
Dickinson Exp. Sta.[a]	EVAP	.07	.20	.07	.18	.28	.18	.20	.30	.29	.16	.12	.18	.26	.25	.30	.27	.21	.24	.21	.15	.26	.25	.17	.28	.27	.08	*	*	.82	.34	.30
	WIND	50	50	130	80	320	160	40	140	170	70	50	70	120	90	140	100	150	80	140	140	100	80	70	90	130	110	100	100	160	150	80
Edgeley Exp. Farm	EVAP	-	.11	.15	.12	.18	.35	.06	.21	.09	.09	.20	.22	.28	.24	.29	.09	.28	.28	.19	.23	.09	.22	.20	.29	.40	.26	.05	.57	.41	.61	.34
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mandan Exp. Station[a]	EVAP	.12	.15	.28	.13	.25	.12	.08	.21	.26	.18	.13	.19	.20	.19	.30	.18	.26	.23	.22	.15	.19	.21	.15	.22	.22	.14	.12	.24	.35	.25	.27
	WIND	56	34	200	74	200	154	64	76	145	92	30	74	78	56	136	76	113	93	67	96	108	78	41	68	101	116	37	88	151	133	100
Riverdale	EVAP	.20	.31	.17	.45	.28	.33	.21	.32	.13	.04	.45	.35	.19	.43	.28	.25	.27	.24	.31	.26	.39	.27	.28	.41	.30	.26	.41	.51	.28	.23	.48
	WIND	35	93	95	126	183	114	42	108	82	30	77	84	91	131	124	120	91	65	142	117	105	43	75	142	97	79	57	164	132	104	110

a Pan 6 feet in diameter; 24 inches deep; in ground 20 inches.

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of nu within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless oth wise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 C

- No record in Tables 3, 4, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is mis or accumulated for several days, only the first and last days are shown in Table 4.
+ And also on a later date or dates.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with a windshield.
G Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.
B Adjusted to a full month.
E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T Trace, an amount too small to measure.
V Includes total for previous month.
SS This entry in time of observation column in Station Index means observation made near sunset.

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DAILY TEMPERATURES

NORTH DAKOTA
JULY 1951

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ONT 7SW	MAX	75	72	72	70	66	84	81	74	67	69	74	79	85	95	93	80	83	77	80	85	79	80	86	97	84	89	92	90	94	87	96	81.8
	MIN	44	47	52	49	56	59	57	53	54	45	45	51	52	61	59	55	56	56	57	63	54	52	53	61	55	61	66	69	69	57	60	55.7
NIA	MAX	78	79	70	78	73	74	85	82	66	72	78	80	85	92	78	80	82	78	79	79	84	87	89	93	84	83	89	92	91	86	89	81.8
	MIN	47	46	56	49	57	62	61	54	54	47	44	53	53	53	56	54	56	51	48	58	59	53	55	56	66	67	60	61	62	65	58	55.5
DON	MAX	67	71	63	70		73	83	82	72	63	56	70	76	86	98	92	83	84	84	88	87	79	79	88	102	100	90	88	97	99	96	82.2
	MIN	42	44	49	45		60	55	50	50	44	41	45	55	63	60	54	56	52	57	67	49	53	54	65	63	59	62		64	56	61	54.3
ILLA STATE PARK	MAX	78	78	74	82	77	78	88	80	77	72	79	83	82	94	93	80	87	77	82	81	84	84	92	97	89	87	95	97	93	85	82	84.1
	MIN	39	47	53	43	56	62	61	51	52	40	43	45	57	53	53	47	58	45	37	55	54	45	52	57	61	58	55	68	61	66	53	52.5
LEY	MAX	74	75	63	72	64	75	82	78	69	68	72	79	80	91	86	78	80	76	78	81	76	83	82	92	91	85	90	86	90	82	82	79.4
	MIN	46	45	56	41	57	57	55	54	52	45	43	45	51	57	58	56	56	56	56	61	57	53	52	59	65	64	62	65	68	61	54	55.1
CH	MAX	63	69	62	70	70	79	82	81	70	64	63	71	77	87	99	94	84	84	85	86	88	80	89	90	100	91	92	97	93	93	92	82.1
	MIN	40	44	49	48	52	55	54	52	52	47	45	45	48	55	60	64	54	56	57	62	45	51	49	57	63	57	58	69	65	54	62	53.8
COURT INDIAN RES	MAX	73	70	72	77	77	84	81	73	65	70	72	80	77	80	72	78	78	72	80	90	83	80	88	94	88	85	93	95	94	79	81	80.0
	MIN	42	39	52	36	55	58	51	44	47	37	40	39	56	51	46	50	57	45	44	56	56	45	49	57	61	61	50	62	63	60	53	50.4
FIELD	MAX	73	72	76	71	73	83	82	72	68	66	81	76	88	99	90	83	84	83	85	88	88	81	88	99	91	93	98	93	95	92	97	84.1
	MIN	39	43	41	45	51	52	53	50	53	42	41	47	46	53				51	55	66	47	52	46	51	54	57	71	68	68	53	59	51.9
BEE	MAX	75	74	82	80	79	88	87		70	72	76	82	77	89	76	79	83		82	92	80	81	90	97	88	88	95	97	94	80	82	83.3
	MIN	43	43	53	45	46	60	53		45	41	42	45	56	48	48	50	60		40	58	51	50	54	59	69	63	57	65	58	56	58	52.3
MARCK WB CITY	MAX	71	75	74	71	73	67	82	82	78	67	68	75	81	86	98	86	77	83	76	78	87	81	88	87	93	84	88	92	92	93	87	81.3
	MIN	46	47	54	48	57	60	59	57	57	46	45	51	55	57	57	58	59	56	58	64	57	51	55	61	66	65	67	70	71	65	63	57.5
MARCK WB AIRPORT	MAX	76	76	72	76	70	83	84	78	69	70	77	81	89	99	86	80	84	77	80	86	81	82	88	98	84	89	95	95	96	88	93	83.3
	MIN	44	49	54	47	60	61	56	55	52	43	44	53	53	57	60	57	59	56	60	61	55	50	53	56	64	64	63	71	72	63	60	56.5
INEAU	MAX		74	74	77	77	73	82	81	73	66	72	74	82	77	87	72	80	89	74	80	92		82	91	98	89	85	94	98	95	82	81.7
	MIN		41	55	45	57	60	50	66	50	37	40	44	54	54	49	51	56	45	47	59	50		47	51	62	63	59	61	78	54	57	53.2
ELLS	MAX	68	73	69	76	76	79	77	83	71	64	71	77	84	87	79	78	80	76	79	85	90	81	82	92	98	87	90	100	101	95	87	81.8
	MIN	41	44	41	46	60	57	48	49	50	36	40	43	53	59	51	48	53	42	50	61	51	48	57	56	55	64	61	66	65	58	59	52.0
ELLS 5E	MAX	68	73	69	75	75	78	85	81	70	63	68	74	81	75	76	75	76	74	75	81	85	74	79	87	93	84	86	96	97	91	84	79.0
	MIN	41	44	42	42	59	57	54	50	50	36	41	43	52	58	50	48	52	42	49	60	52	48	52	57	55	63	61	65	62	56	58	51.6
AN COURT HOUSE	MAX	70	61	71	70	75	83	83	81	62	62	66	74	86	97	93	87	85	85	89	87	81	82	88	101	97	91	98	97	93	91	96	83.3
	MIN	43	47	49	46	50	50	56	51	48	45	40	44	45	55	60	54	55	55	57	66	50	52	48	58	60	58	60	68	63	57	62	53.3
E	MAX	74	72	74	76	73	90	87	74	71	69	77	83	82	90	84	80	81	80	80	90	85	82	89	99	82	87	95	96	96	90	92	83.2
	MIN	46	44	54	47	59	61	57	52	52	42	48	49	58	62	51	48	58	47	49	56	54	54	58	63	60	62	60	69	69	61	61	55.2
INGTON	MAX	71	78	75	68	75	74	80	83	78	69	70	77	83	82	81	80	78	85	78	78	86	82	83	89	94	83	90	93	96	94	85	81.2
	MIN	46	42	54	45	42	59	60	52	53	40	40	46	56	50	52	48	48	44	44	54	53	51	51	56	59	61	61	68	59	59	59	52.0
ON 2 S W	MAX	68	73	71	70	67	84		75	67	66	73	78	87	97	93	87	84	80	80	87	80	80	89	102	90	90	95	97	100	90	99	83.3
	MIN	41	50	51	47	57	59		51	52	43	41	48	47	57	60	53	58	52	53	65	50	50	49	58	62	60	64	66	68	55	62	54.3
LIER	MAX	75	81	76	85	79	82	85	78	75	72	77	82	80	88	78	82	84	78	81	88	84	83	92	97	90	87	99	99	98	84	84	84.0
	MIN	42	48	53	50	48	62	58	50	50	46	43	46	55	48	42	53	60	42	38	56	58	49	53	59	64	60	54	62	61	67	55	52.6
ER	MAX	74	77	73	73	69	87	85	77	73	68	74	81	89	96	86	79	86	77	78	87	80	81	87	96	85	89	94	93	94	86	94	82.8
	MIN	39	41	43	41	58	62	52	50	43	42		50	54	62	54	53	54	50	57	60	49	48	49	55	60	60	58	66	62	54	59	52.8
ERSTOWN	MAX			58					76	76	70	78	83	88	97	95	81	86	85	80	80	82	84	89	96	90	88	95	97	93	78	82	84.3
	MIN	42	45	52	45	56	59	56	50	51	42	42	46	52	52	51	48	56	43	46	57	53	48	51	55	61	62	57	65	63	63	54	52.4
BY	MAX	73	69	76	75	87	87	83	71	66	69	77	84	83	81	82	85	73	79	91	87	80	83	93	96	88	90	99	104	91	88	95	83.4
	MIN	43	46	46	46	57	60	57	54	49	40	39	44	55	58	52	48	55	45	53	64	53	48	53	55	56	60	60	60	61	57	58	52.6
LS LAKE W 8 CITY	MAX	73	74	71	80	78	81	84	75	64	70	76	81	81	95	80	80	85	75	80	86	80	81	90	97	88	87	93	97	94	82	85	82.0
	MIN	43	45	48	44	60	59	56	53	49	42	50	49	58	52	50	50	58	47	46	59	54	51	58	63	62	63	61	67	63	64	61	54.4
NSON CAA	MAX	72	67	72	69	72	83	81	72	65	65	72	77	86	98	93	81	83	78	82	90	80	81	88	100	89	92	95	93	96	89	98	82.5
	MIN	40	46	47	48	53	56	56	52	48	44	44	49	51	58	59	55	53	53	58	59	50	53	51	60	64	60	62	66	62	56	63	54.1
NSON EXP STATION	MAX	64	72	67	72	72	76	80	82	72	68	65	72	78	89	98	92	82	83	78	83	89	83	83	90	102	90	93	99	96	98	90	82.5
	MIN	39	42	42	38	53	61	55	52	52	43	42	47	52	53	58	58	56	53	52	65	50	45	49	60	64	59	53	63	68	56	62	53.0
	MAX	70	73	74	78	77	74	85	82	80	61	69	76	81	81	89	79	77	81	75	80	89	80	81	89	98	84	87	92	95	91	84	81.0
	MIN	46	47	56	49	48	61	55	51	52	41	46	46	59	58	52	50	60	45	50	59	51	52	58	56	61	64	62	70	68	60	61	54.6
CENTER	MAX	68	72	69	75	74	77	88	81	74	67	69	75	80	89	98	92	81	82	77	79	87	80	81	90	98	90	91	98	96	97	90	82.7
	MIN	38	41	50	44	52	59	50	51	53	39	44	47	53	51	57	51	55	50	54	59	49	49	51	57	61	58	56	61	66	55	61	52.3
ITH ST SANITARIUM	MAX	73	74	74	76	81	84	85	80	69	70	75	80	76	88	75	78	80	76	79	90	86	80	89	95	88	85	94	96	91	82		81.6
	MIN	45	45	54	43	55	59	51	47	48	41	40	46	55	52	50	51	59	46	49	57	54	52	50	56	63	62	58	66	64	58		52.5
N	MAX	73	70	76	75	76	87	80	75	63	70	75	82	77	80	76	77	79	73	80	92	80	88	90	98	86	85	93	99	94	83	88	81.3
	MIN	47	51	48	45	62	52	55	48	38	40	43	55	50	49	53	54	50	48	57	48	50	47	53	59	64	54	62	65	60	62	57	52.5
EY EXP FARM	MAX	71	76	71	65	74	69	70	81	81	68	68	74	77	83	90	82	79	81	82	78	79	79	84	83	95	90	89	90	93	92	89	80.1
	MIN	45	43	54	44	56	58	59	53	52	43	43	51	53	52	53	55	56	49	49	58	52	53	52	54	68	63	66	66	58	66	54	54.1
E 1 W	MAX	74	75	72	81	77	82	82	76	63	72	76	80	78	94	76	79	84	75	80	89	80	81	90	96	90	87	95	96	92	81	81	81.7
	MIN	40	41	53	40	53	58	53	50	53	39	42	43	56	50	47	49	59	39	39	54	51	45	50	56	59	64	57	61	60	63	54	50.9
OOOS	MAX	76	74	69	75	73	89	84	74	70	72	77	84	87	95	89	80	82	79	82	89		84	91	102	90	92	101	100	101	90	98	85.0
	MIN	37	56	40	42	47	52	47	49	45	37	37	42	56	58	54	50	56	48	57	62		47	49	63	61	60		64	67	58	59	51.7
DALE	MAX	77	79	70	76	68	69	84	80	73	67	75	75	82	91	88	82	81	78	79	80	79	85	84	92	93	92	92	90	91	87	83	81.4
	MIN	51	48	57	47	58	60	62	56	55	49	48	51	51	56	58	61	58	56	56	62	60	55	55	59	63	66	64	61	62	68	56	57.1
G	MAX						87	85		82	72	79	85	88	91	88	90	80	82	91	91	88	87	95	101	98	94	104	105	95	93	100	90.0
	MIN							58	60	50	37	40	45	53	58	54	53	58	52	56	65	46	50	53	65	62	60	64	60	67	54	58	55.1
W8 AIRPORT	MAX	75	77	68	77	74	73	85	81	65	71	78	81	86	93	81	78	83	77	80	80	84	86	89	93	83	79	86	90	90	86	89	81.2
	MIN	45	46	53	47	59	63	60	54	51	43	45	51	55	59	57	60	57	50	48	61	56	49	55	63	68	65	60	65	66	63	56	55.8
NOEN	MAX	71	72	70	75	73	80	80	76	68	68	72	82	86	90	84	78	82	77	76	86	80	82	86	94	85	87	89	92	91	86	88	80.8
	MIN	48	44	54	42	60	60	62	51	50	48		58	59	61	48	49	60	47	47	58	51		55	62	67	64	61	67	66	61	59	55.8
N	MAX	78	80	75	79	74	71	84	81	70	70	76	78	83	91	87	79	82	81	80	81	80	88	86	94	96	89	89	92	90	89	91	82.7
	MIN		48	58	56	56	61	60	56	53	48	46	42	51	56	57	59	59	52	50	60	55	51	52	57	65	69	60	59	65	62	56	56.0
YATES	MAX	75	75	70	73	66	81	84	81	81	67	73	79	85	86	90	84	84	76	81	84	82	84	85	98	92	86	91	90	96	87	93	82.5
	MIN	43	46	54	45	59	58	58	55	54	55	44	48	50	54	63	63	60	53	60	65	57	53	63	58	60	62	62	68	67	60	59	56.6
LM WILDLIFE REF	MAX	77	74	78	79	78	88	86	72	72	71	75	84	84	82	81	80	78	79	85	93	83	82	92	99	90	91	99	101	96	86	94	84.2
	MIN	45	43	55	42	60	60	56	54	51	40	43	46	56	55	50	47	57	46	40	57	56	51	55	61	62	62	56	67	64	61	54	53.3

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
FULLERTON	MAX	78	78	68	75	71	69	83	80	69	68	77	76	85	93	84	79	82	78	78	83	78	87	87	94	95	90	94	95	93	86	87
	MIN	53	48	58	57	59	62	61	56	54	49	50	52	55	66	57	60	59	54	54	62	59	60	58	60	63	66	62	62	60	64	58
GACKLE	MAX	75	70	69	75	70	74	87	79	71	69	74	75	85	93	85	84	79	83	78	79	80	83	84	94	87	89	92	90	90	90	
	MIN	46	47	45	47	48	54	57	51	53	46	47	47	51	57	55	56	55	57	56	55	55	54	53	57	57	63	64	65	65	61	
GARRISON	MAX	73	73	76	75	73	89	81	75	66	70	78	82	85	93	84	78	82	79	80	91	82	83	91	99	87	91	96	86	92	85	92
	MIN	47	47	53	48	57	62	53	50	47	44	45	45	56	58	54	54	55	51	54	58	49	52	53	66	63	63	61	70	68	58	53
GRAFTON STATE SCHOOL	MAX		78	76	83	81	76	88	89	78	73	79	84	84	94	77	79	85	79	79	88	82	86	99	101	96	91	95	99	98	89	84
	MIN		40	53	48	50	60	59	51	51	47	42	46	59		49	52	59	47	40	55	57	50	52	57	58	61	55	62	61	67	56
GRAND FORKS CAA	MAX	78	79	73	85	78	75	87	82	65	73	81	84	80	94	78	81	87	75	81	82	82	83	91	99	89	88	96	97	93	83	84
	MIN	42	44	52	44	57	64	55	52	50	42	43	47	58	53	52	51	57	44	42	53	56	49	52	57	63	62	57	64	63	63	56
GRAND FORKS UNIVERSITY	MAX	77	76	74	82	76	75	84	81	72	74	79	83	80	92	76	80	86	76	79	80	84	81	91	94	86	87	91	97	92	82	83
	MIN	43	45	55	45	58	63	58	57	57	44	44	48	60	52	51	51	52	45	44	54	56	50	58	56	63	62	57	57	57	62	57
GRAND RAPIDS 1N	MAX	82	79	69	78	78	79	84	78	78	71	78	80	85	93	91	81	82	87	79	80	80	85	86	94	91	88	93	92	91	89	88
	MIN	54	46	56	46	58	56	60	56	57	45	44	48	50	56	57	55	58	49	49	60	58	53	50	52	66	66	67	61	62	64	52
GRANVILLE	MAX	73	73	75	77	77	89	85	81	71	69	77	87	79	85	79	78	81	77	82	93	81	82	91	99	88	89	95	99	95	87	95
	MIN	42	43	54	45	62	62	54	52	52	42	47	42	69					52		54	60	56	60	67	67	69	62	78	71	59	65
HANKINSON R R STATION	MAX	72	79	79	65	76	74	71	85	83	68	71	77	80	84	89	85	76	80	79	78	80	80	89	87	93	94	86	86	89	88	89
	MIN	50	50	59	49	56	59	58	56	57	50	51	56	57	59	59	59	56	56	53	59	58	57	64	63	67	60	61	61	62	63	59
HANNAH	MAX	74	74	71	79	76	83	82	70	68	70	74	79	78	77	71	78	81	74	79	90	79	80	88	94	87	83	91	93	90	79	80
	MIN	43	42	49	44	50	61	53	51	45	39	42	42	55	49	45	49	60	46	38	57	55	46	54	56	56	58	58	61	63	63	52
HANSBORO	MAX	77	77	74	78	77	86		84	68	75	76	81	78	80	73	79	81	75	80	94	83	83		98	90	84	94	96	92		81
	MIN	41	39	48	40	48	58		46	46	35	43	42	56	45	42	50	56	43	40		57	47		54	56	57	54	60	55		53
HETTINGER	MAX	70	59	69	69	71	82	82	75	67	60	68	75	86	98	94	87	85	83	87	89	80	80	84	98	92	91	95	93	96	91	98
	MIN	40	50	51	46	49	60	60	54	50	47	43	47	49	59	62	55	57	58	58	67	50	51	51	60	60	61	64	69	69	58	69
HILLSBORO	MAX	73	79	70	79	75	72	86	82	72	72	80	84	88	94	90	83	87	90	80	81	84	87	90	95	97	85	93	95	92	85	89
	MIN	43	47	54	48	56	62	56	53	51	49	46	46	55	51	54	52	55	46	45	55	51	55	53	54	63	63	59	65	59	57	58
JAMESTOWN CAA	MAX	76	76	64	76	72	73	81	79	66	69	76	80	85	94	79	78	84	80	76	79	81	84	86	95	78	87	91	93	92	87	90
	MIN	43	43	53	43	58	60	55	52	50	42	42	52	55	54	55	52	59	49	48	59	54	50	53	55	64	67	61	63	61	60	55
JAMESTOWN STATE HOSP	MAX	76	78	75	75	73	74	82	79	71	70	78	81	87	95	88	79	85	80	76	79	81	86	87	96	85	87	92	95	93	87	93
	MIN	45	46	52	46	59	61	57	51	53	44	42	51	55	54	55	52	59	51	50	60	57	49	52	54	63	57	62	64	64	64	55
KENMARE	MAX	69	75	70	78	76	79	88	85	71	65	73	75	84	77	81	80	79	76	79	84	89	79	83	93	98	87	90	100			
	MIN	43	41	44	49	57	59	50	50	51	40	45	46	55	59	50	50	54	50	49	55	53	52	56	60	56	62	62	68	65	59	63
KENSAL WILDLIFE REFUGE	MAX	77	78	66	76	73	77	84	79	67	71	79	83	89	97	82	81	87	83	79	81	85	87	90	93	87	91	96	91	91	89	94
	MIN	42	40	52	41	60	60	60	50	54	40	42	49	57	53	53	51	59	42	48	59	53	48	50	54	61	65	60	63	61	59	52
LANGDON EXP FARM	MAX	75	73	70	78	78	79	84	74	68	70	75	79	76	82	75	78	82	76	78	90	80	78	89	96	89	84	94	95	93	80	80
	MIN	42	42	51	44	52	58	53	46	46	39	41	43	55	50	44	49	50	40	39	58	54	47	57	58	57	61	58	60	63	62	51
LARIMORE	MAX	78	79	72	74	79	78	89	82	73	72	83	85	84	96	81	80	89	79	80	83	85	88	92	98	88	90	96	99	93	87	82
	MIN	40	42	47	46	58	62	61	52	52	44	43	47	59	48	51	51	57	48	41	52	55	49	54	60	65	65	60	69	60	67	57
LEEDS	MAX	74	75	74	81	79	88	88	88	76	66	71	78	83	82	92	80	81	84	79	92	89	86	84	92	98	91	91	98	97	93	87
	MIN	44	41	53	42	61	66	54	54	49	49	40	46	56	57	52	50	49	48	43		56	53	50	56	63	63	62		69	63	57
LINTON	MAX	78	78	78	78	73	80	80	80	74	69	76	78	85	97	92	84	83	78	80	84	78	86	87	98	92	89	93	93	96	86	92
	MIN	45	46	55	45	45	61	57	53	53	46	43	57	48	58	61	63	60	54	61	66	58	54	49	55	62	66	62	65	68	61	60
LISBON	MAX	74	75	81	68	77	75	71	85	82	68	70	76	78	84	90	81	80	81	78	78	79	82	85	85	105	89	86	88	90	88	87
	MIN	42	45	43	44	57	58	61	53	54	46	44	49	50	54	57	57	57	50	48	59	55	50	52	57	64	59	61	62	59	67	51
LOSTWOOD 12N	MAX	72	69	75	74	78	85	81	70	63	68	75	82	84	79	80	78	73	77	83	88	78	81	90	96	90	88	98	97	91	85	92
	MIN	44	42	45	45	59	53	54	49	51	41	42	45	53	58	49	48	54	48	53	61	52	48	53	56	59	59	61	64	62	61	61
MAGOOCK AGR SCHOOL	MAX	74	70	72	77	77	85	84	75	69	71	75	80	81	91	82	79	84	76	78	87	84	80	90	97	85	88		98	94	86	93
	MIN	44	44	55	41	56	60	55	51	49	39	45	46	58	51	51	48	57	43	45	55	54	49	56	55	63	63	59	64	60	61	56
MANOAN EXP STATION	MAX	70	74	74	70	74	69	84	83	76	67	68	75	80	86	97	85	80	82	75	80	86	79	80	87	96	83	87	92	92	95	85
	MIN	44	47	53	47	60	59	55	54	55	44	43	52	52	57	58	56	58	55	59	61	55	51	52	58	64	63	63	66	71	61	60
MANDAN FT LINCOLN PARK	MAX	77	75	73	74	70	86	86	82	71	70	78	84	91	101	95	82	84	79	80	90	84	82	90	96	85	90	94	95	90	92	94
	MIN	45	46	54	46	61	60	57	55	59	45	44	48	55	55	68	56	58	55	60	62	55	51	52	59	64	63	64	65	70	62	58
MARMARTH	MAX	70	64	70	72	78	84	78	77				77	88	100	93	91	87	88	93	89	81	82	88	102		93	100	97	92	89	95
	MIN	44	47	51	51	56	53	56	51				44	46	55	64	54	55	62	60	70	50	50	51	60		58	54	74	67	54	67
MAX	MAX	72	73	75	74	74	87	74	87	78	70	88	84	82	92	82	75	80	75	78	90	82	85	89	98	86	90	96	96	90	83	90
	MIN	50	52	51	50	60	54	48	42	41	40	42	50	50	50	54	58	54	52	57	52	57	57	54	58		62	62	62	59	59	57
MAYVILLE	MAX	76	78	71	79	75	79	85	80	75	73	80	84	87	95	82	82	87	80	80	82	83	85	90	96	87	88	88	96	92	88	86
	MIN	42	45	54	46	59	59	60	54	53	46	45	49	56	50	54	50	57	45	43	55	56	49	56	55	67	63	59	66	62	63	56
MC CLUSKY	MAX	73	74	71	75	71	86	86	79	72	68	76	82	84	95	84	80	89	84	92	85	85	81	88	97	82	87	94	94	93	83	91
	MIN	47	47	54	46	59	60	56	49	53	43	45	48	54	58	54	52	60	50	54	61	53	52	53	57	63	64	62	69	70	66	60
MC HENRY 5 N	MAX	74	73	69	77	76	77	84	76	68	70	75	81	84	96	80	78	85	76	77	83	80	82	88	95	87	88	92	95	91	82	91
	MIN	43	44	53	44	58	58	56	50	50	42	44	48	57	50	51	47	57	44	45	59	53	51	53	58	62	62	59	63	59	62	56
MC LEOD 3 E	MAX	70	79	73	77	73	71	85	80	78	72	77	81	83	95	85	78	83	78	78	80	82	86	88	94	90	83	87	90	87	87	88
	MIN	47	48	46	48	47	62	58	53	59	46	42	49	53	56	56	59	55	51	50	59	52	50	53	59	66	68	59	56	62	66	54
MEDORA 4 NNE	MAX	72	70	74	74	79	86	84	75	71	66	75	79	88	99	96	89	86		86	90	84	85	92	102	97	95	100	98	96	94	99
	MIN	37	39	35	50	50	66	53	55	54	42	37	45	47	51	52	54	55		66	69	49	47	46	56	67	58	51	71	67	51	64
MINOT CAA	MAX	73	70	75	76	74	89	81	73	62	68	76	84	79	84	79	76	80	78	81	92	80	82	90	100	84	89	96	97	91	85	92
	MIN	43	43	54	48	61	60	54	53	47	39	45	47	60	58	50	51	56	46	48	59	55	49	58	66	63	64	62	73	68	61	60
MINOT EXP FARM	MAX	73	71	75	76	71	88	81	72	70	68	75	83	80	84	79	75	80	79	80	91	82	81	90	99	90	89	96	97	92	85	93
	MIN	44	45	54	54	58	62	54	51	53	40	45	48	58	59	51	48	58	46	48	59	62	51	57	65	63	64	61	73	67	60	61
MOHALL	MAX	73	70	75	75	75	86	82	72	69	70	74	83	78	78	76	78	78	74	82	90	79	81	91	97	88	87	95	100	93	86	88
	MIN	43	43	47	44	60	60	53	52	51	38	42	44	54	55	50	47	53	43	47	60	52	48	52	56	56	62	56	60	62	59	56
MOTT	MAX	71	67	71	69	69	82	81	74	65	64	72	79	83	97	93	78	83	78	81	88	81	83	86	100	86	89	89	89	95	89	98
	MIN	36	44	52	45	55	60	49	48	49	43	40	43	48	57	58	56	58	52	58	68	49	48	45	57	59	59	56	66	67	55	59
MUNICH 4 SW	MAX	74	73	71	79	77	85	84	75	69	70	75	80	77	89	75	79	83	76	79	90	50	82	90	96	90	85	95	95	90	85	80
	MIN	41	41	56	45	58	59	50	47	47	38	41	42	55	51	46	48	49	39	40	58	51	46	52	57	57	62	57	62	59	61	55
NAPOLEON 1 SE	MAX	75	73	67	73	68	77	81	80	79	71	75	76	82	92	90	77	85	80	76	81	77	83	82	91	84	88	90	89	92	86	85
	MIN	46	46	53	43	58	59	58	52	54	42	44	49	51	53	56	57	59	52	52	62	62	54	51	57	65	65	60	67	68	62	55

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	
ENGLAND	MAX	70	65	70	70	72	84	83	74	67	64	72	77	86	99	93	80	85	82	83	89	80	80	89	101	92	92	96	94	97	91	99	83.1
	MIN	38	46	49	44	52	60	55	52	50	44	40	42	45	55	59	56	55	53	53	68	49	49	45	55	63	59	56	63	68	56	59	52.8
SALEM 1 S	MAX	74	73	72	73	75	85	86	75	72	68	74	77	85	96	82	85	80	88	79	81	76	80	83	98	83	88	95	93	95	88	94	82.4
	MIN	44	43	45	45	48	56	58	53	50	45	47	49	52	55	57	55	54	56	52	55	51	52	59	65	62	64	67	69	67	68	65	55.1
ES	MAX	70	75	76	65	75	71	70	84	80	69	67	73	77	81	90	82	77	79	76	77	79	77	85	84	91	92	86	91	90	91	85	79.5
	MIN	51	48	58	47	58	62	62	54	54	48	48	47	51	55	58	57	59	54	53	61	58	54	56	57	64	67	63	60	62	61	55	56.2
K RIVER	MAX	78	76	74	82	80	80	88	84	72	72	78	82	80	91	80	80	85	82	79	86	84	81	92	98	93	87	94	97	96	82	81	83.7
	MIN	44	43	54	50	53	63	60	54	52	48	48	49	63	49	49	52	59	50	43	55	57	52	52	56	64	61	58	63	60	60	57	54.1
SMALL	MAX	72	73	76	76	77	89	87	74	72	70	78	84	82	92	89	79	82	79	84	92	82	85	92	100	92	95	100	98	96	90	98	85.0
	MIN	34	39	50	45	58	58	46	47	52	33	34	39	50	56	51	48	48	45	51	57	47	45	47	59	63	61	57	61	65	55	59	50.3
RINA 2N	MAX	74	74	72	79	79	76	77	77	68	70	72	81	81	74	78	78	77	77	79	83	83	80	91	97	97	89	94	98	97	93	81	81.5
	MIN	46	49	51	55	58	61	62	59	49	44	46	59	59	49	53	52	54	49	39	54	52	59	59	59	60	57		72	65	68	50	55.0
ERSBURG	MAX	77	76	75	79	76	78	86	78	73	73	77	82	81	97	79	78	81	78	78	82	84	83	90	95	88	89	95	97	91	84	81	82.6
	MIN	41	45	54	44	58	58	55	51	51	41	43	47	56	52	49	58	56	44	46	58	53	51	52	60	60	64	62	70		64	57	53.3
TIBONE	MAX	76	75	68	74	72	78	82	72	65	68	74	82	86	95	94	78	82	78	76	81	81	84	85	96	85	88	93	92	91	86	90	81.5
	MIN	49	49	51	46	49	60	60	51	56	49	44	50	70	61	50	54	60	58	52	61	56	52	56	57	61	64	65	67	68	61	58	56.3
TAL	MAX	68	74	70	78	76	82	85	81	71	65	70	76	84	79	79	79	81	74	79	88	88		83	94	95	90	89	99	101	93	87	81.9
	MIN	42	45	45	45	60	52	53	50	48	35	41	44	50	59	51	47	52	44	50	69	50		46	57	54	62	60	60	64	56	57	51.6
RS LAKE 1N	MAX	71	66	74	73	80	85	81	70	64	68	76	83	78	81	82	79	75	77	85	88	79	81	89	96	84	89	99	100	91	85	92	81.3
	MIN	38	40	43	42		58	48	50	50	34	34	41	49	58	51	50	55	42	53	45	47	43	50	60	58	61	58	66	65	55	62	50.2
AROTON ABBEY	MAX	74	70	76	70	70	85	82	73	68	68	74	79	87	99	93	89	82	79	81	87	80	81	90	98	90	91	95	93	98	91	99	83.6
	MIN	41	49	49	47	54	59	57	52	53	45	44	49	51	58	59	55	57	51	57	63	51	54	53	60	64	58	63	67	69	62	62	55.3
RDALE	MAX	72	73	75	74	71	87	83	74	69	69	76	82	84	92	81	75	81	77	79	91	80	81	89	96	87	89	94	94	92	84	90	82.0
	MIN	44	48	53	46	60	60	54	55	55	43	45	50	56	59	54	52	58	50	57	62	54	53	54	61	61	63	63	71	68	61	59	55.8
A	MAX	74	72	71	79	77	85	80	73	65	70	73	80	74	80	72	78	80	73	81	91	78	80	89	97	88	84	94	96	92	79	80	80.2
	MIN	47	42	51	45	55	59	53	47	47	43	46	48	62	48	45	50	59	48	45	57	55	52	55	62	61	60	57	63	61	61	57	52.9
Y	MAX	75	74	75	78	76	87	87	81	71	71	77	82	81	90	87	79	83	79	80	90	90	82	91	97	91	86	95	96	94	86	87	83.8
	MIN	44	48	55	47	61	61	49	38	50	41	46	48	60	55	51	50	59	43	48	60	56	49	61	59	63	64	60	69	64	61	60	54.2
SH	MAX	70	77	70	79	78	82	89	74	68	74	79	84	85	84	94	92	80	81	82	87	92	82	85	93	101	92	95	103	103	100	91	85.4
	MIN	38	41	48	41	51	56	49	53	36	37	41	48	53	48	51	51	47	48	52	57	45	50	48	52	65	58	56	60	62	57	58	50.2
ON	MAX	75	75	70	77	76	72	85	77	71	71	74	80	86	93	77	80	86	78	78	78	83	80	85	92	85	89	94	92	89	83	85	81.2
	MIN	46	51	50	46	58	60	58	52	52	41	45	48	56	52	51	49	56	45	48	51	52	50	50	60	59	64	64	67	64	64	57	53.7
LEY	MAX	75	70	75	75	80	86	79	83	78	69	76	83	80	88	86	77	76	72	82	89	84	82	93	98	84	91	101	102	92	86	93	83.4
	MIN	42	43	49	40	58	53	51	49	41	39	40	44	54	56	52	50	55	48	49	52	50	50	54	65	62	61	59	63	65	56	58	51.9
LE	MAX	74	75	69	74	69	79	81	77	70	68	74	79		94		81	84	77	77	84	82	83	85	94	80	89	91	104	91	87	88	81.4
	MIN	49	45	52	44	58	59	54	50	52	45	44	48		56		54	54	47	51	57	54	51	51	52	53	62	59	75	76	59	58	54.1
ER	MAX	75	74	77	78	75	88	84	75	71	77	78	84	80	87	78	80	82	75	82	93	82	89	92	98	83	88	95	98	92	85	94	83.5
	MIN	43	51	53	42	60	55	56	49	54	42	42	46	58	55	50	48	58	42	47	59	52	52	53	58	59	55	54	67	59	59	57	52.7
LE LAKE	MAX	72	74	75	74	71	87	85	82	68	78	75	81	86	92	82	76	82	78	79	89	81	83	88	96	85	87	95	94	91	83	89	82.5
	MIN	46	47	55	44	60	60	53	53	43	43	48	47	49	55	52	52	59	52	53	56	54	53	52	62	63	63		69	70	60	60	54.4
WOOD 12 W	MAX	76	76	67	63	66	88	76	76	74	79	85	88	97	97	82	83	81	82		90	84	93	98	89	94	98	97	93	88	75	96	84.4
	MIN	37	42	51	43		50	46	55	39	43	44	57	56	54	52	58		56			55	50	58	60	60	58	69	67	65	63	59	53.6
3N	MAX	76	78	80	78	76	89	88	78	68	73	78	84	81	86	82	80	83	77	81	95	89	82	94	99	92	90	97	100	93	87	95	84.8
	MIN	41	48	55	43	59	61	52	49	49	37	37	42	54	53	50	49	54	39	46	59	44	42	51	54	58	62	57	63	62	59	57	51.2
Y CITY	MAX	77	78		77	76	72	82	81	73	69	78	80	85	93	90	79	84	84	77	77	81	85	87	93	90	85	88	93	91	89	92	82.9
	MIN	42	44	54	45	58	62	61	53	56	44	45	53	54	61	55	55	56	52	50	60	58	49	54	62	68	67	64	64	62	63	56	55.7
OOK	MAX	75	71	78	76	80	90	86	75	67	71	79	85	84	93	92	79	81	80	85	92	88	86	93	101	94	95	100	100	96	90	100	85.9
	MIN	36	41	53	44	60	62	52	49	54	35	38	43	54	59	53	52	57	47	55	62	50	50	52	66	66	63	60	66	69	58	64	53.9
	MAX	72	72	74	75	74	87	82	73	67	65	73	82	79	86	79	75	79	75	80	89	87	80	88	96	82	87	93	96	89	85	92	81.1
	MIN	45	44	54	46	62	63	59	53	53	40	46	48	61	58	53	51	58	47	48	59	54	51	56	68	63	65	57	74	70	61	62	55.8
TON STATE SCHOOL	MAX	75	77	76	76	75	72	85	81	75	71	75	80	82	90	88	85	80	81	78	81	81	85	86	92	93	89	85	88	88	86	88	82.1
	MIN	48	48	58	47	59	62	60	55	54	46	49	52	54	61	58	62	55	53	52	62	57	52	58	64	68	65	60	63	64	68	55	57.1
URN	MAX	75	75	78	76	72	89	86	76	71	69	77	82	88	98	86	85	85	80	78	91	85	84	91	96	90	91	95	91	91	85	91	84.1
	MIN	45	48	54	49	62	61	54	55	56	44	45	51	58	59	56	55	60	62	52	63	53	54	56	62	63	64	65	70	71	60	63	57.1
RO CITY	MAX	76	70	79	75	82	88	82	73	67	71	77	83	92	95	90	85	79	80	85	89	81	84	92	99	93	93	102	102	94	92	100	85.5
	MIN	38	47	50	48	55	61	53	53	58	37	44	48	52	60	56	53	58	53	55	65	49	55	53	66	64	64	62	71	69	58	66	55.5
OPE	MAX	76	73	78	76	75	89	81	75	68	73	76	83	78	81	78	76	79	74	80	90	84	83	91	98	89	91	93	98	93	85	91	82.4
	MIN	43	47	51	48	61	62	53	50	51	39	42	44	57	53	51	55	54	45	49	59	51	49	52	58	60	64	58	65	62	51	59	53.3
STON W8 CITY	MAX	73	69	77	74	85	85	82	73	65	69	76	83	88	92	88	84	77	80	86	87	80	83	91	97	91	92	100	98	90	88	97	83.9
	MIN	42	48	48	53	60	63	58	57	48	41	45	47	58	65	57	56	59	56	62	64	54	55	57	68	63	63	68	68	65	61	64	57.2
N CITY	MAX	76	73	75	78	75		84	75	68	72	74	84	78	90	78	78	84	74	80	92	83	83	93	98	88	88	95	98	93	85	87	82.6
	MIN	42	42	51	40	59	59	50	42	48	40	41	42	57	49	48	47	55	41	41	59	54	49	48	48	58	60	55	62	58	59	54	50.3
N RR STATION	MAX	69	73	73	69	71	67	85	84	74	63	67	75	81	88	97	85	75	82	79	75	87	80	82	87	95	82	88	90	90	92	85	80.3
	MIN	46	47	51	45	56	57	54	51	52	42	43	51	52	53	53	51	56	50	55	59	51	51	49	55	63	61	63	63	66	59	59	53.7

Table 6 for this issue may be found on Page 118.

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	98 08	-		6P	Myren J. Bata	3
Alexander RR Station	0098	McKenzie	13	47 50	103 38	1200		6P	Arthur J. Sauman	3
Almont 7 SW	0136	Morten	4	46 43	101 39	2300	7P	7P	Hogan Ramsland	2 3 5 7
#Alpha 1 S	0149	GoldnoValley	7	46 37	103 49	-		7P	CLOSED ~ - - - -	6-1-51
Ambrose	0189	Divide	12	48 58	103 28	2060		6P	Joseph S. Sherrick	3
Ameola	0196	Cass	11	47 00	97 13	880	8S	8S	Virgil L. Gebeke	2 3 5 7
Amidon	0209	Slope	1	46 30	103 19	2910	8A	8A	Tafield Zundel	2 3 4 5
Antler	0263	Bottineau	12	48 58	101 20	1540			W. R. Wagner	3 4
Arvilla State Park	0368	Grand Forks	10	47 56	97 30	860	6P	6P	Albert Thoren	2 3 5
Ashley	0382	McIntosh	8	46 02	99 22	2025	6A	8A	Boo Line Agent	2 3 4 5 7
Baldhill Dam	0450	Barnes	11	47 02	98 05	1300	8A	8A	F. A. Johnson	2 3 5
Balfour	0492	McHenry	12	47 57	100 32	1815		MID	Raymond E. Weller	3 4
Balta	0500	Pierce	11	48 10	100 02	-		6P	Nick Schaan	3
Bantry	0516	McHenry	12	48 30	100 38	-		6P	Temple K. Sobarto	3
Beach	0590	GoldenValley	7	46 55	104 01	2814	6A	6A	Relen Tobias	2 3 4 5 7
Belcourt Indian Rns.	0626	Rolette	9	48 50	98 45	1860	7P	7P	Turtle Mt. Ind. Ag.	2 3 4 5
Belfield	0639	Stark	4	46 52	103 11	2592	7P	7P	Carl Indergaard	2 3 5
Berthold	0729	Ward	12	48 19	101 44	2080		6P	Joseph S. Cox	3
Beulah	0786	Mercer	8	47 16	101 47	1780		7P	Knife Riv. Coal Co.	3 4
Bigbee	0796	Towner	2	48 37	99 22	1800	6P	8P	Robert J. Krick	2 3 5
Bismarck WB City	0814	Burleigh	8	46 48	100 48	1670	9A	9A	D.S. Weather Bureau	2 3 5
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1850	M1D	M10	D.S. Weather Bureau	2 3 4 5 7
Bottineau	0941	Bottineau	12	48 50	100 27	1638	8A	8A	N.D. Schl of Frstry	2 3 5
Bowbells	0961	Burke	12	48 48	102 15	1953	8A	8A	Felix L. Adams	2 3 5 7
Bowbells 5 E	0986	Ward	12	48 47	102 08	1925	8A	8A	Duvnlopseot Farm	2 3 5 6 7
Bowman Court House	0995	Bowman	3	48 11	103 23	2872	5P	5P	O. B. Hook	2 3 4 5
Bowman 11 SE	0998	Bowman	3	46 04	103 19	-		8P	Bernard L. Domagala	3
Bowman 30 NNW	1001	Slope	8	46 35	103 31	-		8P	Robert L. Hanson	3
Breien	1052	Morton	1	46 24	100 57	1720		MID	Frank E. Potter	3 4
Butte	1225	McLean	12	47 50	100 40	1880	5P	5P	Fred J. Klokonos	2 3 5
Cando	1288	Towner	2	48 29	99 12				Harry S. Barris	3 4
Carrington	1380	Foster	5	47 27	99 08	1579	7A	7A	Soo Lion Agent	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300		MID	Vincent Muggli	3 4
Carson 2 SW	1370	Grant	4	46 23	101 35	2500	7P	7P	J. W. Evens	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 37	894	6P	6P	John H. Erickson	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	7P	Frnd L. Reinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180		6P	John P. Burchill	3
Columbus	1696	Burke	12	48 54	102 47	1930		6P	J. D. Sundell	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	5P	R. J. Lockner	2 3 5
Courtenay	1816	Stutsman	5	47 13	88 34	1523		5P	G. H. Hoawalt	3
Crosby	1871	Divide	12	48 54	103 18	1854	6P	6P	Vernoo V. Nicholo	2 3 4 5 7
Dawson	2018	Kidder	8	46 52	99 45	1730		M1D	Ralph W. Wise	3 4
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	M1D	M1D	U.S. Weather Bursau	2 3 4 5 6 7
Dickinson CAA AP	2183	Stark	4	46 48	102 48	2587	M1D	M1D	U.S.Civil Aere Adm	2 3 4 5 7
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	7A	Leroy Moosaw	2 3 5 6
Doonybrook	2242	Ward	12	48 31	101 53	1760		6P	Fred E. Feldoer	3
Drake	2298	McHenry	12	47 55	100 22	1634	8A	8A	Paul Kuntz	2 3 8
Duoon Center	2365	Duon	6	47 21	102 37	2191	6A	5P	Cbert L. C. Nnustel	2 3 5 7
Dunseith St. Sanitarium	2385	Rolette	12	48 50	100 02	2001	5P	5P	N.D. State Bospital	2 3 5
Eckmao	2472	Bottineau	12	48 39	101 03	1500	7A	7A	Soe Line Agent	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	8A	N.D. Agri. Exp. Sta	2 3 4 5 6 7
Edmore 1 W	2525	Ramsny	2	48 25	98 29	1524	8P	8P	Mike Davin	2 3 5
Elbosoods	2570	McLean	8	47 35	102 09	2082	6P	6P	B. W. Case	2 3 5
Elgin 5 S	2592	Grant	1	46 21	101 49	-		6P	Art A. Eslinger	3
Ellendale	2805	Dickey	5	46 00	98 31	1460	8P	8P	Paul Oreson	2 3 5 7
Epping	2735	Williams	8	48 18	103 21	2224	6P	6P	T. Beschler	2 3 5
Esmond	2767	Bunson	11	48 02	99 46	1650		M1D	Lyle O. Fering	3 4
Fairfield 8 N	2805	Billings	7	47 19	103 12	2650		6P	Mrs. Edith Larsen	3
Fargo WB Airport	2859	Cass	10	46 54	96 48	895	M1D	M1D	U.S. Weather Burnau	2 3 4 5 7
Fessenden	2949	Wells	5	47 39	99 37	1610	6P	6P	John V. Zuber	2 3 5 7
Flasher	3009	Morton	1	46 27	101 14	1930		8A	George W. Sinclair	3
Flaston	3019	Burke	12	48 54	102 23	1940		6P	Palmer M. Dunham	3
Forman	3117	Sargent	10	46 06	97 38	1249	6P	6P	Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	8	46 06	100 38	1640	S8	S8	Stand Rk Indian Agy	2 3 4 5 7
Foxholm Wildlife Refuge	3217	Ward	12	48 27	101 33	1609	5P	5P	U.S.Wildlife Refuge	2 3 5
Fryburg	3277	Billings	4	46 53	103 18	2790		7A	Reman J. May	3 4
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	6P	F. O. Alio	2 3 5
Gackle	3309	Logan	5	46 38	99 08	1951	6P	8P	Alvil Hummel	2 3 5
Garrison	3376	McLean	8	47 38	101 25	1911	M1D	M1D	Albert J. Beirele	2 3 4 5
Gladstone 22 N	3446	Dunn	6	47 11	102 39	-			Richard Bailey	3 4
Glen Ullin	3496	Mortoo	4	46 49	101 49	2090		M1D	Frederick J. Aoborn	3 4
Glen Dillin 13 N	3501	Mercer	6	47 00	101 47	-		6P	Christ Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	-		8P	Robert R. Backfioch	3
Golva 1 SB	3556	GoldenValley	7	46 47	103 57	2780		M1D	U.S.Civil Aere Adm	3 4
Grafton State School	3594	Walsh	10	48 25	97 26	827	5P	5P	Dr. J. C. Lamont	2 3 5 7
Grand Forks CAA AP	3618	Grand Forks	10	47 56	97 05	834	M1D	M1D	U.S. Civil Aere Adm	2 3 4 5 7
Grand Forks Goiversity	3821	Grand Forks	10	47 55	97 05	830	M1D	7P	Dniversity of N. D.	2 3 5
Grand Rapids 1 N	3665	La Moure	5	46 29	98 21	1360	6P	6P	Albert J. Nesn	2 3 5
Grano	3676	Rnqville	12	48 37	101 35	1625		M1D	Oswald B. Bjerolie	3 4
Granville	3686	McHenry	12	48 16	100 51	1504	7P	7P	Fred Rohln	2 3 5
Grassy Butte	3686	McKenzie	7	47 24	103 14	2660			Sam Charchnoke	3 4
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	-		6P	Edael G. Crlot	3
Greoora	3736	Williams	8	48 37	103 56	2114	5P	5P	L. D. Nielnoo	2 3 5
Baloy	3636	Bowman	3	48 58	103 08	-			J. J. Crawford	3 4
Bailday	3846	Duoo	6	47 21	102 20	2073		6P	John Kisse	3 4
Bankinson RR Station	3908	Richland	10	46 04	96 54	1068	7A	7A	Soo Line Agent	2 3 5
Hanoaford	3926	Griggs	11	47 18	98 12	1428		M1D	Buleo Bunnoon	3 4
Hannah	3936	Cavalier	9	48 59	98 41	1570	8P	8P	O.S. Cuntoss Office	2 3 5
Bansboro	3963	Towner	9	48 57	99 23	1597	7P	7P	W. B. Disber	2 3 5
Barvny 3 NE	4013	Wells	11	47 45	99 53	1596		6P	B. J. Reyoolds	3
Bayona 6 NE	4073	Adams	1	46 01	102 24	2640		M1D	Byron B. Bohh	3 4
Razelten RR Station	4083	Emmons	8	46 29	100 17	1978		M1D	Sphrain Zacber	3 4
Hettioger	4178	Adams	3	48 00	102 38	2680	6P	6P	Fred O. Ferthun	2 3 5 7
Snttiager 17 N	4186	Adams	1	46 15	102 39	-		6P	O. J. Gerbracht	3 4
Billshoro	4203	Traill	10	47 24	97 04	901	6P	6P	Alfred Jahnke	2 3 5
Burdsfield	4343	Wells	5	47 27	99 55	1915		M1D	Mrs. Ruth Buchsitz	3 4
Jamestowo CAA AP	4413	Stutsman	5	46 55	98 41	1497	M1D	M1D	U.S. Civil Aere Adm	2 3 4 5 7
Jamestown Statn Bospital	4418	Stutsman	5	46 53	98 40	1457	7P	7P	N.D. Btate Bospital	2 3 5
Kneae	4571	McKenzie	8	48 00	102 55	-		6P	Dooald W. Luod	3
Ennmare	4646	Ward	12	48 40	102 05	1800	8A	8A	Theo E. Eckberg	2 3 4 5
Kennal Wildlife Rnfuge	4656	Stutsmao	5	47 15	98 52	1440	7P	7P	U.S.Wildlife Refuge	2 3 5
Killdner 8 NW	4726	Dunn	7	47 26	102 53	2240		6P	Lscoard J. Davin	3
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	-		M1D	Paul A. Kretschmar	3 4
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 21	1615	5P	5P	V. Stur Laugaoo	2 3 5 7
Lansford	5002	Bottineau	12	48 38	101 22	1600		6P	Louis Schaefer	3
Larimore	5013	Grand Forks	10	47 55	97 38	1134	5P	5P	Bnnnie Engeo	2 3 5
Lends	5078	Bennon	2	48 17	99 26	1515	7P	7P	John Fager	2 3 5
Lefor 10 E	5088	Stark	4	46 38	102 21	2580		5P	Jonnph Link	3
Liotoo	5210	Emmons	8	46 16	100 14	1711	8P	8P	William Heyerman	2 3 5 7
Lishon	5220	Ransom	11	48 28	97 41	1091	7A	7A	Rebert M. Jodsaas	2 3 5 7
Maddock Agri. Bchool	5434	Bensoo	11	47 58	99 30	1604	6P	6P	Bnnson Cy Agr Bchl	2 3 5
Mandao Exp. Btation	5479	Morton	4	46 48	100 54	1750	8A	8A	No. G.P. Field Bta.	2 3 4 5 6
Mandan Ft. Lincoln Park	5484	Morteo	8	48 47	100 52	1700	6P	6P	Park Supt.	2 3 5
Marmarth	5573	Slope	7	46 18	103 55	2714	6P	6P	S. P. Grane	2 3 5 7
Marmarth M D U Co.	5575	Slope	7	46 18	103 55	2710			E. B. Jestoes	3 4
Martin	5810	Shnridan	11	47 50	100 07	1610		6P	John W. Magguoon	3
Max	5638	McLnan	8	47 49	101 17	2093	7A	6P	Boo Line Agent	2 3 5
Mayville	5660	Traill	10	47 3	97 19	975	6P	6P	B. A. Ragaz	2 3 5 7
McClusky	5710	Sheridnn	8	47 2	100 29	1943	6P	6P	Elmer L. Schielke	2 3 5 7
McGregor RR Station	5720	Williams	8	48 3	102 58	-		M1D	Rartvin Burnanson	3 4
McBenry 5 N	5730	Eddy	11	47 3	98 35	1509	7P	7P	C. S. Blasky	2 3 8 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P	7P	J. G. Carlsen	2 3 5
McVillo	5764	Nelson	1	47 48	98 11	1467		6P	B. B. Solufol	3
Medina 1 W	5798	Stutsman	8	46 53	99 19	-		6P	Rudelph Graf	3
Medora 4 NNE	5813	Billings	7	46 58	103 30	2250	5P	5P	U.S.Forest Service	2 3 5 7

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
Melville	5833	Foster	5	47 20	99 02	1825		M1D	Edgar S. Stegmeier	3 4
Minot CAA AP	5988	Ward	12	48 15	101 17	1724	M1D	M1D	U S Civil Aero Adm	2 3 4 5
Minot Exp. Farm	5893	Ward	12	48 10	101 18	1720	8P	6P	W C Agri Exp Sta	2 3 5
Moffit 4 SE	6015	Burleigh	8	46 40	100 14	1760		5P	U.S. Fish & W L Ser.	3
Mohall	6025	Rnnville	12	48 46	101 31	1839	9P	9P	Ivsr Johnson	2 3 5
Montpelier	8105	Stutsman	5	46 42	98 35	-		8A	Rolf Banson	3
Mott	6155	Hettinger	1	46 23	102 20	2420	8A	8A	Fernest E. Cofving	2 3 4 5
Munich 4 SW	6185	Cavalier	2	48 38	98 53	1598	7P	7P	Barold Feldner	2 3 5
Napoleon 1 SS	8255	Logan	8	46 29	98 45	1955	7P	7P	Gladys J. Paterson	2 3 4 5
New England	6315	Hettingor	1	48 33	102 52	2621	6P	6P	Anton Snllinger	2 3 5
New Rockford 7 WNW	6355	Eddy	5	47 33	89 16	1550		6P	Richard Steinhach	3
New Salem 1 S	6365	Morton	4	46 50	101 25	2183	6P	8P	William F. Gaebe	2 3 5
Noonan	8455	Divide	12	48 53	103 01	1980		6P	Georgs Kostsk	3
Northgate	8535	Burke	12	49 00	102 16	1850			U S Customs Station	3 4
Oakes	8620	Dickey	5	46 08	98 05	1320	8A	8A	Mrs. R.Carrin Murray	2 3 4 5
Park River	6857	Walsh	10	48 23	97 45	998	5P	5P	Martin Severson	2 3 5
Parshall	6867	Mountrail	8	47 57	102 08	1929	6P	6P	C. E. Shubert	2 3 5
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	4P	4P	D B Customs & Immig.	2 3 4 5
Petersburg	7027	Nelson	10	48 01	98 00	1524	5P	5P	Rev. Odean Monson	2 3 5
Pettiboos	7047	Kidder	8	47 07	98 31	1860	7P	7P	L. B Dathloff	2 3 5
Portal	7201	Burke	12	48 00	102 33	1954	9A	9A	U S Customs Service	2 3 5
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	7P	Herbert J. Clark	2 3 5
Pretty Rock	7311	Grant	1	46 11	101 51	-		6P	Freda Lnur	3
Raub	7405	McLean	8	47 44	102 04	-		M1D	Alvin Larson	3 4
Rhoder	7450	Adams	3	46 06	102 57	2810		6P	Henry A. Donner	3
Render 14 N	7452	Slope	1	46 19	102 57	2880		8A	Chas. M. Metzinger	3
Richardton Abbey	7530	Stark	4	48 53	102 19	2467	5P	5P	Assumption Abbey	2 3 4 5
Riverdale	7585	McLean	8	47 30	101 21	1910	5P	5P	Corps of Engineers	2 3 4
Rolette	7655	Rolette	12	48 40	99 50	1825	M1D	M1D	Georgs F. Gahres	3 4
Rolla	7664	Rolette	9	48 52	99 37	1860	7P	7P	Theo B. Fagerlund	2 3
Rugby	7704	Pierce	12	48 22	100 00	1580	6P	6P	Frank Rornstein	2 3
Ryder	7749	Ward	8	47 55	101 40	2108		6P	S. C. Schellenbaum	3 4
Sanish	7834	Mountrail	8	47 58	102 32	1835	7A	7A	R. J. Rugge	2 3
Sarles	7844	Cavalier	9	48 57	98 00	1585		M1D	Clarence J. Olson	3 4
Scrantoo	7932	Bowman	3	48 09	103 09	-		6P	Henry M. Soshras	3
Selfridge 11 W	7952	Sioux	8	46 01	101 10	2183		7P	L. F. Wilson	3
Sharon	7986	Steele	10	47 38	97 54	1518	8P	8P	Rugh Lyoe	2 3
Sherwood	8047	Rnnville	12	49 00	101 38	1647		6P	U S Customs Service	3
Sheyennn	8057	Eddy	11	47 50	99 07	1500		M1D	Pehr A. Peterson	3 4
Shield	8065	Grant	1	46 14	101 07	-		6P	Edsin O. Carlson	3
Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	7P	Leroy Edwards	2 3 4
Steele	8366	Kidder	8	46 51	99 55	1857	8P	6P	Leon V. Lesher	2 3
Tagus	8627	Mountrail	12	48 20	101 56	2179		6P	Georgs N. Pilgard	3
Tioga	8737	Williams	8	48 24	102 56	2278		8P	L. A Simon	3
Tolley 4 NE	8764	Rnnvills	12	48 46	101 47	-		6P	Carmie Knlsob	3
Tosnar	8792	McHenry	12	48 21	100 24	1482	7P	7P	August S. Rieder	2 3
Trotters 6 WNW	8807	McKenzie	13	47 21	104 01	2420		5P	Walter Grunewald	3
Trotters 3 S	8812	GoldenValley	13	47 17	103 54	2420		M1D	John O. Hellermoe	3 4
Turtle Lake	8840	McLean	8	47 31	100 53	1899	5P	5P	Art Klungtvedt	2 3
Tuttle 8 SW	8850	Kidder	8	47 02	100 04	1936		8P	Adam Leoo	3
Underwood 12 W	8877	McLean	8	47 26	101 24	1250	6P	6P	Mrs. F. S. Mattoon	2 3
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	5P	U S Wildlife Refuge	2 3
Valley City	8937	Barnes	11	46 55	98 00	1239	8P	6P	Miss I.C.Robertoo	2 3
Van Hook	8970	Mountrail	8	47 57	102 21	1864	9P	9P	Erain A. Ventsch	2 3
Velva	8980	McHenry	12	48 03	100 55	1511	8P	6P	Oscar Anderson	2 3
Verona	9035	La Moure	5	46 22	98 04	-		10A	Louis J. Frandson	3
Wahpeton Power Plant	9085	Richlaod	10	46 17	96 36	962		M1D	Victor Burten	3 4
Wahpeton Statn School	9100	Richland	10	46 16	96 36	962	5P	5P	St Sch of Scisnce	2 3
Walhalla	9155	Pembina	9	48 55	97 55	850		6P	Felix A. Gastonquay	3
Wamhburo	8185	McLean	6	47 17	101 02	1731	6P	6P	Frnd F. Jafferis	2 3
Washburo Water Works	8205	McLeao	6	47 17	101 02	1730			Wamhburn Water Wks	3 4
Watauga 8 W, S. Dak.	9218	Grant	1	46 02	101 34	-		6P	John C. Spicer	3
Watford City	9233	McKenzie	8	47 48	103 17	2084	8P	6P	J. C. Zeller	2 3
Watford City 11 E	9238	McKenzie	6	47 47	103 02	-		M1D	Ida Peterson	3 4
Westhope	9333	Bottinnau	12	48 55	101 01	1508	6P	6P	Rev. E. Carsy	2 3
Wildrose	9400	Williams	6	48 36	103 10	2258		6P	Jonathan Winkjer	3
Williston WB City	9425	Williams	6	48 09	103 35	1877	M1D	M1D	U B Weather Bursau	2 3 4
Willow City	9445	Bottineau	12	48 36	100 17	1471	8P	8P	D. M. Sanderson	2 3
Wilteo RR Station	9455	McLean	8	47 09	100 48	2159	8A	8A	Boo Line Agent	2 3
Wishek	8515	McIntosh	8	46 16	99 34	2010	8A	8A	R. W. Larson	2 3
Zahl	9635	Williams	8	48 34	103 41	2000		6P	Ola Severtsen	3

NEW STATIONS

Pingree	7117	Stutsman	5	47 10	98 54	1572		6P	Jerry W. Tangney	3
Norteoville	6565	La Moure	5	46 33	98 44			8P	Henry L. Brickseo	3
Sykestoo	8608	Wells	5	47 28	99 24	1653		6P	William R. Evans	3
Burt 16 W	1216	Bottinger	1	46 36	102 08			6P	Jacob Groebele	3
Lostweod 12 N	5320	Burke	12	48 33	102 24	2250	6P	6P	Lostweod Wildlife R	2 3
Buchanan	1124	Stutsman	5	47 04	98 49	-			W. E. Heodrickson	3 4
Forbes 13 NW	3064	Dickny	5	46 04	98 56	-		6P	Theodore A. Wirch	3
Grace City	3583	Foster	5	47 33	98 48	-			Ida Bendrud	3 4
Kulm	4843	La Moure	5	46 18	98 57	1970		8P	John Stroehl	3
Litchville	5230	Barnes	11	46 39	98 11	-		6P	William H. Rugh	3
Warwick	9185	Benson	11	47 51	88 42	-		6P	W. S. Stinson	3
Woodworth 5 E	9575	Stutsmao	5	47 09	99 12	-		6P	John Rehrer	3
Medora	5803	Billings		46 55	103 31	2270			Jay J. Eaton	3 4
Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	-		7P	G. B. Bury	3
Watford City 20 SE	9246	McKenzie		47 35	103 07	-		6P	Mrs. Agnes Murray	3

Station name changed from Alpha 1 S to Sentinel Butte 20 S.

† Drainage Code: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

Reference Notes for this issue may be found on Page 116.

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CLIMATOLOGICAL DATA

NORTH DAKOTA

JAN 2 1952

AUGUST 1951
Volume LX No. 8



KANSAS CITY: 1951

NAT. HIST.

NORTH DAKOTA - AUGUST 1951

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

August was a cool and unusually wet month. In some south-central areas of the state all previous rainf records for the month were broken by the heavy rains. It was decidedly unfavorable for harvesting and thre ing and considerable damage occurred to the small grains. On the other hand topsoil and subsoil moist conditions were substantially improved in practically all sections of the state.

The mean temperature for the month was 63.8 degrees which is 3.2 degrees below normal. It is the coldest A ust since 1927. Every station in the state reported temperatures that averaged from slightly less than 1 gree to 5 degrees below normal. The eastern division averaged 64.3 degrees which is 2.7 degrees below norm the middle division averaged 63.4 degrees which is 3.5 degrees below normal; and the western division avera 63.8 degrees which is 3.2 degrees below normal. The highest mean temperature reported was 66.8 degrees at F lerton which is 1.2 degrees below normal, and the lowest mean temperature was 59.7 degrees reported at Belcou The highest temperatures of the month occurred at most stations on the 1st. 101 degrees was recorded at F lerton and Bamish and only a few other stations had readings as high as 100 degrees. The lowest temperat recorded during the month was 35 degrees at Wishek on the 11th.

Precipitation for the month averaged 4.09 inches which is 2.02 inches above normal. August in the years 19 1903 and 1944 are the only months that exceeded this total in the climatological history of the state. eastern division averaged 4.69 inches which is 2.18 inches above normal; the middle division averaged 4 inches which is 2.73 inches above normal; and the western division averaged 2.79 inches which is 1.13 inc above normal. There were on the average 12 days in which .01 inch or more precipitation occurred, which more than ever before recorded in the month of August. There was a large variation in rainfall across state ranging from 9.19 inches at Arvilla State Park in the east to 1.29 inches at Elbowoods and Medora in west. Wilton reported the greatest rainfall in a single day with 4.21 inches and they recorded a total 6.52 inches in a period of about 32 hours on the 29th and 30th. Several stations in the north-central p of the state reported over 3 inches of rain on the 5th and the Grand Forks area received 3.85 inches on 30th. A few scattered stations in the southeast and the west portions reported below normal precipitati otherwise rainfall ranged to as much as 6 1/2 inches above normal at Wilton and Arvilla.

Heavy rains broke the drouth in the northern half of the state during the first week. Harvest had gotten pre well underway in most sections of the state by this time with 15 to 20 per cent of the rye and about 10 per c of the oats and barley combined or threshed. Corn made rapid progress during the warm weather and its aver height was 3 feet. The weather continued very rainy and cool for the rest of the month which continually h pered harvesting and threshing. As a consequence at the end of the month approximately 80 per cent of rye, to 70 per cent of oats and barley, one-third of the hard wheat and 10 per cent of the durum and flax had b combined or threshed. It was most advanced in the southeast portion of the state. A considerable loss quality of grain has resulted from the continued wet weather and considerable sprouting in the swath has curred in many areas causing further losses. Damage from sprouting has been estimated near 10 per cent the state with scattered areas running as high as 20 per cent. Corn was retarded considerably during the c wet weather and it was estimated that 3 to 4 weeks of normal growing weather would be needed to mature most the acreage. Topsoil and subsoil moisture was plentiful at the end of the month except in some extreme nor west counties. Fall plowing was started during the last week while harvesting was delayed. Pastures impro very much during the month and livestock were in good to very good condition.

Hailstorms were reported from most sections of the state. They were severe in the southwest quarter of state. The most severe hailstorms occurred on the 16th in Morton, Stark, Grant and Dunn Counties. In th areas crop damage ranged up to 100 per cent. A small tornado was observed west of Elgin on the 14th. S damage was done. Lightning struck a barn near Oakes killing two valuable cows.--CJS

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ACKNOWLEDGMENTS

ln sddition to the climatological data from some 6,000 Weather Bureau and cooperstive weather stations, this bulletin series contains records from Hydroclimstic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimstic Network is s nationwide net of rain gsges --mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfsll intensity which were essential to the planning of flood control snd relsted works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rsin gages, has been maintained by the Weather Buresu through working funds transferred snnually to the Weather Buresu by the Corps of Engineers. These trsnsfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that dste. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide dats required in its work, and since 1947 the Bureau of Reclamstion hss transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclim Network stations were presented in bulletins (Hydrologic Bulletins) were issued monthly for each of 8 drainage areas embracing the entire Un States, but since the Network was established to meet the internal requ ments of the Federal agencies referred to above, no provision was made public disseminstion of the data, distribution being limited to coopera agencies and to certain public repositories. A list of locations where erence copies of the Hydrologic Bulletin Series are available for inspec may be obtained upon applicstion to Chief, U. S. Weather Bureau, Washin 25, D. C.

Many other records published in this bulletin have been made available thr the cooperation of various public offices, private agencies, and individ as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
SMARCK WB AIRPORT	E	14	8.7	35	E	28	86	90	62	58	8	4	8	1	0	1	22	54	6.5
VILS LAKE WB CITY	-	-	7.6	24	S	23	-	-	-	-	1	8	6	1	1	0	17	48	5.7
RGO WB AIRPORT	SSE	19	10.8	59	N	1	85	90	61	62	8	3	6	1	2	0	20	50	6.5
LLISTON WB CITY	-	-	7.2	34	W	25	76	85	57	51	5	4	6	2	0	0	17	64	7.0

COMPARATIVE DATA

le 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
92	67.3	105	24	2.39	0	8
93	66.7	109	29	1.31	0	3
94	68.8	102	30	1.14	0	4
95	64.5	104	24	1.57	0	5
96	64.7	107	21	1.12	0	5
97	64.1	108	29	1.18	0	5
98	65.4	104	24	1.69	0	5
99	85.2	97	32	2.83	0	6
00	70.4	114	33	5.06	0	10
01	66.9	100	32	1.77	0	6
02	64.3	96	28	2.30	0	8
03	63.7	103	35	4.68	0	10
04	63.3	102	31	1.61	0	6
05	67.5	107	34	2.43	0	7
06	66.3	105	31	1.84	0	7
07	64.5	104	26	1.73	0	6
08	63.2	104	25	2.18	0	7
09	69.8	109	27	2.23	0	6
10	63.1	109	24	1.46	0	5
11	82.2	98	23	3.21	0	8
12	83.4	118	32	2.88	0	10
13	68.9	106	30	2.63	0	6

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1914	64.2	101	26	2.29	0	7
1915	64.4	100	19	1.18	0	4
1916	66.0	100	28	2.67	0	8
1917	65.2	105	32	0.82	0	6
1918	66.5	102	34	3.38	0	8
1919	67.9	101	30	1.59	0	5
1920	68.8	108	28	1.53	0	5
1921	67.2	108	31	1.98	0	6
1922	69.8	115	33	1.31	0	6
1923	63.0	97	28	1.84	0	8
1924	63.8	102	28	1.57	0	6
1925	87.9	110	29	1.04	0	5
1928	65.6	105	36	2.37	0	7
1927	63.4	96	28	3.13	0	8
1928	64.8	105	25	3.09	0	8
1929	68.5	106	26	0.77	0	4
1930	70.4	104	32	1.45	0	6
1931	67.0	105	30	2.09	0	6
1932	68.3	100	28	1.89	0	7
1933	68.5	104	31	0.75	0	5
1934	67.4	108	25	1.15	0	5
1935	66.2	109	26	2.35	0	8

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1936	69.8	110	29	1.40	0	6
1937	72.9	109	40	1.52	0	5
1938	69.8	109	33	1.50	0	6
1939	88.6	105	32	2.10	0	7
1940	67.8	103	33	2.05	0	7
1941	68.8	111	32	2.86	0	10
1942	66.3	105	33	3.09	0	9
1943	67.7	104	31	2.61	0	9
1944	65.6	102	34	4.37	0	11
1945	67.1	105	32	1.68	0	6
1946	65.2	104	29	1.62	0	7
1947	70.9	110	34	2.67	0	9
1948	68.6	103	35	1.83	0	6
1949	71.2	111	30	0.99	0	4
1950	64.1	97	29	1.49	T	7
1951	63.8	101	35	4.09	T	12
Period	66.6			2.09	T	

a for the period beginning with 1949 to date have been weigbted on an areal basis and are not comparable with unweigbted values publisbed in tbis table for lier years.

See reference notes following Station Index.

Station	Temperature									Precipitation									
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or
EASTERN DIVISION																			
Amenia	65.3	-1.8	95	1	40	11	50	1	0	3.82	1.28	1.37	30	.0	0		10	3	
Arvilla State Park	63.1		92	1	40	22	85	1	0	9.19		2.72	5	.0	0		14	8	
Carrington	62.5	-4.6	91	1	43	17		1	0	4.56	2.49	1.34	30	.0	0		13	3	
Cavalier	64.1	-1.8	93	1	41	22	62	1	0	4.93	2.42	1.20	5	.0	0		13	3	
Cooperstown	63.3	-4.1	98	1	41	11	99	1	0	4.34	1.73	1.17	28	.0	0		9	3	
Devils Lake WB City	63.6	-1.2	91	1	47	22+	83	1	0	3.21	.73	1.11	30	.0	0		16	2	
Edgeley Exp. Farm	63.9	-3.8	94	2	39	22+		1	0	2.25	- .10	.55	28	.0	0		12	1	
Edmore 1 W	61.7	-3.1	90	1	39	22	124	1	0	4.14	1.81	1.05	30	.0	0		11	4	
Ellendale	66.5	-2.2	98	1	42	11+	46	5	0	4.43	1.66	1.81	30	.0	0		14	2	
Fargo WB Airport //	64.8	-1.3	94	1	44	11+	56	1	0	5.64	2.75	1.53	1	T	0		12	3	
Forman	65.5	-2.7	96	1	39	11	58	2	0	3.73	.98	1.19	28	.0	0		10	3	
Fullerton	66.8	-1.2	101	1	43	11	49	3	0	3.37	.83	.94	30	.0	0		9	2	
Gackle	66.4	-1.1	94	1	43	11	51	4	0	3.14	.79	.89	30	.0	0		8	2	
Grafton State School	64.5M	-1.7	92	1			63	1	0	6.32	3.80	1.78	15	.0	0		13	5	
Grand Forks CAA AP //	64.1	-1.9	96	1	45	11+	64	1	0	7.90	5.28	3.85	30	.0	0		13	5	
Grand Forks Univ.	64.1	-1.9	93	1	45	11	62	1	0	7.98	5.36	3.85	30	T	0		13	3	
Grand Rapids 1 N	65.7		96	1	39	11+	62	3	0	2.59		.43	28	.0	0		11	0	
Haokioson R R Sta.	65.9	-4.8	94	2	40	3		1	0	4.09	1.34	1.10	6	.0	0		12	4	
Hannah	60.7M	-3.4	85	1	42	13+	151	0	0	6.29	3.92	3.38	5	.0	0		15	1	
Hillsboro	64.2	-4.0	99	1	41	11	73	1	0	4.46	1.71	1.08	29	.0	0		11	2	
Jamestown CAA AP //	64.5	-2.4	97	1	39	22	83	1	0	3.21	.66	.74	25+	T	0		12	3	
Jamestown State Hospital	66.1	- .8	99	1	40	11+	54	2	0	3.77	1.22	.76	25	T	0		11	4	
Kensal Wildlife Refuge	64.5M		99	1	38	11	73	1	0	5.26		1.98	30	.0	0		10	3	
Langdoo Exp. Farm	61.4	-2.3	86	1	41	27	131	0	0	4.54	2.07	1.25	5	.0	0		14	2	
Larimore	63.6	-2.3	94	1	42	22	82	1	0	7.05	4.34	1.98	30	.0	0		13	6	
Lisbon	65.1	-2.7	95	2	38	11		1	0	4.81	1.91	1.78	31	.0	0		11	3	
Mayville	64.5M	-3.4	99	1			64	1	0	6.10	3.55	1.58	29	.0	0		10	4	
McHenry 5 N	62.8	-2.9	96	1	42	11	115	1	0	4.66	2.34	2.08	30	.0	0		12	3	
McLeod 3 E	65.2	-3.3	95	1	42	11+	57	1	0	3.93	1.23	1.32	28	.0	0		12	3	
Munich 4 SW	61.3		86	1	40	22+	138	0	0	3.28		.88	5	T	0		13	2	
Oakes	65.6	-3.5	94	2	40	11		2	0	3.89	1.22	.77	28	T	0		15	2	
Park River	64.7	-1.9	93	1	43	22	52	1	0	5.32	3.02	1.40	30	.0	0		14	3	
Pembioa 2 N //	62.9M	-1.8	92	1+	37	9	84	2	0	5.93	3.64	2.68	15	T	0		11	4	
Petersburg	63.4		91	1	41	29	86	1	0	5.29	2.93	2.14	30	.0	0		17		
Sharoo	64.1	-3.8	95	1	45	11	81	1	0	4.51	2.14	1.35	30	.0	0		14	3	
Valley City	66.2	-1.5	96	1	39	11	45	2	0	2.08	- .46	.53	27	T	0		10	1	
Wahpetoo State School	66.3	-2.4	92	1	44	22	29	2	0	3.54	- .67	2.50	5	T	0		7	2	
DIVISION	64.3	-2.7								4.69	2.18			T					
MIDDLE DIVISION																			
Ashley //	64.2	-3.0	95	6	38	11	91	2	0	2.60	.16	.61	20	.0	0		12	1	
Belcourt Indian Res.	59.7		87	1	40	27	176	0	0	6.28		3.15	5	T	0		17	2	
Bisbee	62.2	-3.5	89	4	43	22+	117	0	0	4.37	2.02	1.22	5	.0	0		13	3	
Bismarck WB City	65.8	-2.4	95	2	45	11		4	0	5.18	3.55	2.17	30	.0	0		17	3	
Bismarck WB Airport	65.5	-1.2	97	1	44	11	67	3	0	4.89	3.07	2.00	30	T	0		14	2	
Bottineau	62.1	-2.8	89	2	41	27		0	0	6.98	4.53	3.12	5	.0	0		13	4	
Butte	63.6M	-3.6	93	1	45	13	95	2	0	4.53	2.59	1.08	31	T	0		13	4	
Carson 2 SW	65.4M	-3.2	99	1	41	21	80	6	0	4.04	2.38	1.23	28	.0	0		13	3	
Center	64.3M	-3.7	96	1	40	23	93	1	0	4.84	3.13	2.00	29	T	0		13	1	
Drake	63.9	-3.7	93	2	45	22+		2	0	4.09	2.07	.88	15	.0	0		9	4	
Duoseith State Sanitarium	61.3	-3.3	86	1	46	11+	138	0	0	7.37	5.01	4.15	5	.0	0		16	3	
Eckmao	60.7M	-4.3	86	1	39	16		0	0	3.87	1.99	1.55	5	.0	0		10	3	
Fessenden	63.5	-3.2	92	1	43	22	99	1	0	4.39	2.21	1.76	30	.0	0		14	2	
Fort Yates	65.2	-4.5	96	1	41	11	76	3	0	3.77	1.88	1.42	30	T	0		11	2	
Foxholm Wildlife Re.	63.5M	-3.1	92	1	42	14	105	2	0	2.78	.80	.65	25	.0	0		10	3	
Garrison	63.5	-3.1	99	1	43	27	96	1	0	4.29	2.35	1.15	25	.0	0		11	3	
Granville	64.1	-1.6	87	1	43	16	90	0	0	4.91	3.04	1.78	30	.0	0		14	2	
Hanshoro	60.0M	-3.5	90	1	42	3+	166	1	0	5.03	2.71	3.09	5	.0	0		13	1	
Leeds	63.3M		89	1	43	12+	93	0	0	2.93		.86	30	.0	0		16	1	
Linton	66.6	-3.5	97	1	40	11	41	2	0	5.42	3.34	.84	5	T	0		17	4	
Maddock Agri. School	63.9	-2.6	97	1	42	22	90	2	0	4.41	2.10	.93	30	.0	0		15	3	
Maodao Exp. Station	65.0	-3.9	98	2	44	17		3	0	6.09	4.51	2.10	30	.0	0		12	3	
Mandan Fort Lincoln	66.5		100	1	45	11+	48	4	0	5.67		2.84	30	T	0		12	3	
Max	62.4M	-5.0			41	30		2	0	3.93	2.05	.96	25	.0	0		10	4	
McClusky	64.7	-2.5	97	2	44	27	78	2	0	5.26	3.33	1.21	30	.0	0		16	3	
Minot CAA AP //	62.1	-3.5	86	23	44	17	122	0	0	4.09	2.17	1.22	25	.0	0		12	3	
Minot Exp. Farm	62.7		87	1	43	27	113	0	0	4.78		1.24	25	.0	0		11	4	
Mohall	61.5	-3.3	88	1	42	16+	135	0	0	3.36	1.45	.78	30	.0	0		12	4	
Napoleoo 1 SE	64.5	-2.6	94	1	39	11	85	2	0	4.64	2.44	.89	12	T	0		13	4	
New Salem 1 S	63.7	-4.2	100	1	41	12	112	2	0	4.54	2.81	.95	5	.0	0		11	3	
Pettibone	64.6M	-3.9	93	1	42	11	83	1	0	4.72	2.57	1.97	30	T	0		13	3	
Riverdale	63.3		97	1	45	11+	98	1	0					.0	0				
Rolla	60.7M	-4.9	86	1	40	27	151	0	0	5.03	2.54	2.44	5	.0	0		17	2	
Rugby	63.7		85	1+	44	11+	86	0	0	4.43	2.43	.84	30	.0	0		18	3	
Steele	62.9	-4.4	91	1	42	22	107	1	0	7.20	5.02	1.92	30	.0	0		15	5	
Towoer	62.6	-3.6	85	4	40	27	100	0	0	4.21	2.23	1.42	24	.0	0		13	2	
Turtle Lake	64.3	-3.0	95	1	44	16	80	1	0	4.81	2.83	.86	9	.0	0		15	5	
Uoderwood 12 W	64.8	-3.5	98	1	41	11+	74	3	0	3.78	1.87	1.88	25	T	0		14	2	
Upham 3 N	62.8		89	1	41	16	105	0	0	4.61		.91	25	.0	0		12	5	
Velva	62.6	-4.2	85	23	43	16	111	0	0	4.21	1.99	1.60	25	T	0		13	1	
Washburn	64.9	-3.2	94	1	44	11+	70	1	0	4.50	2.87	1.56	29	.0	0		16	3	
Westhope	62.0	-3.5	90	2	43	27	112	1	0	4.80	2.79	1.94	5	.0	0		13	4	
Willow City	61.6	-2.6	87	5	40	11+	136	0	0	4.31	2.27	1.12	5	.0	0		14	3	
Wilton RR Station	62.7	-5.0	92	2	44	11		1	0	8.15	6.44	4.21	30	.0	0		13	2	
Wishek	63.4M	-3.6	93	2+	35	11		2	0					.0	0				
DIVISION	63.4	-3.5								4.75	2.73			T					

See reference notes following Station Index

ble 2—Continued

CLIMATOLOGICAL DATA

Station	Temperature: Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	No. of days: Max. 90° or above	No. of days: Min. 32° or below	Precipitation: Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail: Total	Snow, Sleet, Hail: Max. depth on ground at obsn.	Snow, Sleet, Hail: Date	No. of days: .01 or more	No. of days: .50 or more	No. of days: 1.00 or more
WESTERN DIVISION																			
ont 7 SW	64.8		98	1	44	21	76	2	0	4.36		1.42	5	.0	0		14	2	1
ldon	66.2	-2.2	98	1	42	15+		6	0	1.99	.44	.97	25	.0	0		14	1	0
ach	64.7	-2.5	98	1+	38	21		4	0					T	0				
lfield	64.4	-3.6	96	1	38	21	84	4	0	2.74	.93	.54	12	T	0		14	1	0
rbells	61.5	-3.3	92	1	43	27		1	0	3.65	1.67	1.23	5	.0	0		10	3	1
rbells 5 E	60.0		88	1	41	14		0	0	3.76		1.43	5	.0	0		14	2	1
rman Court House	65.6M	-2.5	94	1+	40	21	59	5	0	2.78	1.04	1.08	5	T	0		12	1	1
sby	62.0	-3.0	92	1	41	27	141	2	0	3.27	1.45	1.02	30	.0	0		11	2	1
rkinson CAA AP	64.3	-2.2	98	1	43	21	89	2	0	3.70	1.86	.67	19	T	0		14	3	0
rkinson Exp. Sta.	64.8	-1.7	100	2	41	27		5	0	3.05	1.21	.87	20	.0	0		12	2	0
n Center	63.0	-3.4	100	2	39	27+		5	0	2.54	.88	.52	29	T	0		10	1	0
owoods	64.2M	-3.7	99	1	36	27	80	2	0	1.29	- .55	.34	29	.0	0		8	0	0
ing	65.0M	-2.5	96	1	38	27	78	5	0	1.49	- .15	.37	4	.0	0		8	0	0
nora	63.9M	-1.7	98	1	36	21	103	2	0	2.54	1.04	1.22	25	.0	0		7	1	1
tinger	65.4	-3.5	95	1	41	21	68	4	0	2.62	1.08	.63	30	.0	0		12	1	0
mare	61.9M	-4.1			44	27		2	0	2.19	.28	.65	18	.0	0		12	1	0
twood 12 N	60.5		92	1	39	27	166	1	0	2.98		.59	30	T	0		13	4	0
marth	66.4M	-1.8	99	1	38	21+	38	4	0	2.56	.94	1.30	26	T	0		9	2	1
ora 4 NNE	66.5		100	1	38	21+	57	6	0	1.29		.52	29	.0	0		7	1	0
t	64.3M	-3.7	93	1+	39	21	83	3	0	2.47	.71	.63	24	T	0		12	1	0
England	64.8	-3.0	96	1	38	21	75	5	0	2.19	.61	1.26	25	T	0		7	1	1
sball	62.5	-3.5	98	1	37	19	123	2	0	2.58	.74	.85	19	.0	0		12	1	0
tal	61.8M	-3.0	91	1	40	27		2	0	6.26	4.30	3.59	5	.0	0		15	2	1
ers Lake 1 N	61.4	-4.4	89	1+	38	27	144	0	0	2.32	.64	.74	18	.0	0		9	2	0
bardton Abbey	65.5	-3.0	100	1	44	21	68	2	0	2.27	.43	.40	20	T	0		16	0	0
isb	62.6	-5.0	101	1	38	11+		4	0	2.19	.59	.65	29	.0	0		11	1	0
nley	61.7		92	1	42	27	132	1	0	4.79	2.89	1.43	30	.0	0		11	4	1
Hook	64.5M		100	1	39	27	91	2	0	1.63		.47	29	.0	0		8	0	0
ford City	64.8	-3.5	97	1	39	21	79	3	0	2.47	.87	.98	29	.0	0		8	2	0
lieton WB City	64.8	-1.3	92	1+	42	21	80	2	0	2.86	1.39	.78	4	.0	0		12	2	0
DIVISION	63.8	-3.2								2.79	1.13			T					
STATE	63.8	-3.2								4.09	2.02			T					

ble 3

DAILY PRECIPITATION

Station	Day of month: 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
MS 7 S					.66	.33	.10						.03		.98	.48				.35				.08	1.45		.06	.02		1.45	.10	6.09
KANOER			.17						.03			.03						.09	.12	.01					.26				.38	.14	.08	1.31
ONT 7 SW	T	.03			1.42		.02		.24			.40		.05				.10		.49					.76	.01		.08	.25	.24	.27	4.36
ROSE				.83	.62				.26	.03		.07						.36		.07				1.13	.10	.06	.18	.21	1.15	.02	5.09
NIA		.27			.17		.07								.08					.43				.17		.54	.56	.16	1.37		3.82
DON		.06			.15				.04	.12			.08	.15	.04	.06		.07						.02	.97			.04	.07	.12	1.99
DON R	.03			.12					.10			.05	*	*	*	*	.25						.04	.95	.01		.02		.04	.10	1.71
LER R			1.82	1.63					.41	.03							.03	.46		.05					.54			.05	.81	04	5.87
LLA STATE PARK			.11	2.72	.32	.05				.81					.50	.88				.11	T			.01	.60		.52	.5~	.12	1.87		9.19
LEY				.09		T			.23	.19		.46	.06		.13		.10			.61					.26	.01			.12	.34		2.60
LEY R //				.09					.34			.46	.04	.08	.03	.08				.06					.28				.12	.30		2.30
FOUR R	.27			.32	.08				.52					.17	.02			.08	.42	.10					.44				.30	.15	.62	3.42
TA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.33		.28	.17				T	.47				.10	.48	.43	-
TRY	.09				1.02	T				.22				T	T	.05	T	.48	.52	T			T	T	.86		T	.21	.11	T	.99	4.55
CH	-				.04				T				.03	1.03	T	.05									.27	.56			1.05	.05	.11	-
CH R				.05								.03	1.04	.03		.05							.26	.63	.03			.02	1.12	.06	.13	3.45
COURT INDIAN RE	.01			.03	3.15		.22		.08	.44	.01			.02	.23			.12		.31				.03	.99	.02		.05		.40	.17	6.28
COURT INDIAN RE R	.03			.06	3.44		.23		.23	.43				.02	.23		.02	.15	.28	.06				.06	1.00	.01		.03	.01	35	.20	6.84
FIELD	.18		T	.24					.10			.54	.13	.05	T	T		.22	.23	.03	T			.18	.28	T			.40	.10	.06	2.74
HOLD	.03			.17	.04		.01		.48	1.10				.07				.65		.47	T				.95				.32	84	.05	5.18
AH	.09			.05	.09							.28		.07				.07		.15			.02	.01	1.73				1.47	.09	.13	4.25
AH R	.09			.11								.25		.04			.02	.05	.17				.02	1.51	.21				1.48	.06	.11	4.12
EE				T	1.22	.05	.03		.12	.09					.32			.05		.34			T	.01	.90			.29		.80	.15	4.37
ARCK WB CITY	.02	.01		T	.22	.01	T			.24			.53	T	.02		.55	.22		.32	.01				.12		.01	.37	.14	2.17	.22	5.18
ARCK WB AP R	T	T		.03	.01		T		.20	T				T				.18	.66					T	.13	T	.30	.34	.12	2.00	.04	4.89
INEAU					3.12	.19	.50	.20		.34		.49	T	.01	T	.38		.53		.22	.11				1.12	.06		.06		.31	.22	6.98
ELLS					1.23		T		T	.20		.04						.64		.04	T			T		.32		.06	.14	.21	.77	3.65
ELLS 5 E		.01			1.43	T	.03		T	.18		.03	T				.01	.43		.02	T			T	.42	.01		.08	.14	.26	.71	3.76
AN COURT HOUSE	T				1.08		T		.22			.09	.45	.17		.02								.01	.40			.03	.07	.16	.08	2.78
AN COURT HOUSE R //	.02			1.09	.02				.08	.14		.55	.18											.39	.01		.03	.04	.08	.12	.07	2.82
AN 11 SE	.10				.12	.32			.05			.08	.65	T		.06							T				.12	.09	.34	.17	2.10
AN 30 NNW					-				-			-		T	T												-	.75	-	-	-
EN R				.06								.47		.02		.10		.10	.07					.02	.53		.14	1.02	.05	2.75		5.33
ANAN R	.12			.08	.16		.02												.28						.14	.41		.66	.12	1.50		3.49
16 N	07				.30	.03						.20	T	.05	T				.72					1.12				T	T	.36	2.85
E	.80			.30	.03				.58	.16				T	.04			T	.03	.38			T	.01	.55			.39	.18	1.08	4.53
O R				.07	.46				.37	.03				.02	.18			.04	.20	.09				.02	.99	.02		.12		.57	.02	3.20
INGTON	.05	.01			.24	.02		T			.50					.37		T		.18	.02				.18		.04	.36		1.34	1.25	4.56
ON R							.03		.04			.35		.22			.03	.12	.64	.03				.11	.04		1.54	.01	.35	.35	.27	4.10
ON 2 SW							.03		.05			.37	.05	.25			T	T	T	.74					.18	.02		1.23	.07	.53	.33	4.04
LIER	.01				1.20	.08	.25			.48					.84	.32	T	T	T	.29	T		.03	.06	.23			.11	T	1.03		4.93
ER					.35		.10		.15		.21			.02	.34		.10		.36					.47	.27			2.00	.23	.24	4.84
ATE		.68		.02	.42		.04								.26					.53				.99		.28	.72	1.16	1.50	T	6.60
MBUS				.70	1.49				.16	.03		.09								.04				.07		T	.18	.07	.50	.02	3.94
ERSTOWN		.10		T	.20					.16								.59		.43				.42		.24	1.17	.60	1.02		4.34
TENAY			.35	.12	.12		.06												T	.31				.30		.16	.98	2.27	1.44		6.11
BY				.84	.32				.16	.04								.26		.07				.16		T	.19	.20	1.02	.01	3.27
BY R				1.04	.10				.18								.12	.13	.05					.01	.14		.11	.06	.17	.97	.12	3.20
ON R				.06	1.08		.05					.26		.03	.04			.05	.50						.07	.38		1.21	.32	1.39	.02	5.46
LS LAKE WB CITY R	.15			.11	.64		.10		.26	.17				.04				.01	.09	.09				T	.35	.03		.01	.04	1.11	.01	3.21
INSON CAA AP	.25	T		.44	T		T		.05			.01	.07	.53		T	.20	.53	.67				T	.41	.03	T		T	.41	.07	.03	3.70
INSON CAA AP R	.28			.49					.05				.09	.53			.30	.43	.68					.44	.04				.43	.07	.04	3.87
INSON EXP STA				.02	.25		T			.08			.12	.15	.50			.45		.87				.02	.35				.17	.07	T	3.05
YBROOK	.05		.24	.11	.01				.11					.38		T		1.25	T			.02				.04			.18	1.40	.02	3.81
E		.52			.29					.63					.88			.09		.36				.51						.38	.43	4.09
CENTER	.06												.45		T		.47	.04		.47	T			.11	.20				.52	.17	.05	2.54
EITH ST SANITA	.02			.05	4.15	.02	.58			.32	.11			.02				.43		.31					1.02	.02		.04	.03	.15	.10	7.37
AN	.07				1.55	.12		T		.15					.04			.62			.25	.02		T	.80					.25		3.87
LEY EXP FARM	.06				.14		.02			.06			.30		.02					.45					.25		.20	.55		.05	.15	2.25
LEY EXP FARM R	.02			.06	.11				.08			.31							*	.45					.26	.17		.58		.24	-	-
RE 1 W	T				.61	.35	.42		T	.24	T			.14	T			T		.51	T		T	T	.71	.05		.03	T	1.05	.03	4.14
WOODS					.03													.02						.10	.20				.34	.29	.17	1.29
N 5 S	T			T	T		T		.36			.30	.03	.25		.15		.14		.39					.19	T		1.70	T	.44	.39	4.34
NDALE				T	.34		.07		.07			45	.12		.10			.05		.40	T			.14		.08	.28	.50	1.81	.02	4.43
NG				.37					T		.12							.12	.13				.14					.32	.25	.04	1.49
NO R	.18			.25	.11		.05		.47					.17	.11			.13	19	.12					.33	.03			.19	.74	.56	3.63
FIELD 8 N				.24								.20	.04	.04					.58				.13					1.45	.60	.03	3.31
O WB AP R //	1.53	T		T	.46		.05			.04		T			.40	.01		T		.46	T		T	.18	.40	T	.66	.23	1.22	T	5.64
ENDEN	.07			.33	.07		.16		.43	.21					T			.05		.24				.30	.03		.05	.66	1.76	.03	4.39
HER					.04					.10		T	.37					.12		.07				.31			1.95		.83	.03	3.82
TON				.53	.64	.01	.01	.41	.02		T					.01		.45		.05				.18				.32	.08	.47	.03	3.21
ES 13 NW					.17	.02			.17			.42		.10							.37			.38		.06	.08	.08	.35	T	2.20

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

NORTH CA
AUGUST

Station	Day of month																												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
FORMAN					.62		T		.05			.20	.10		.68					.25	T				.33			1.19	.14	.17	T
FORT YATES	.04			T	.21		.18		.75	T		.45	.11	T	.06		T	.07		.18					.30			T	T	1.42	
FORT YATES R	.04			.26			.19		.77			.44	.11	.08	.02			.07	.18	.01					.29				.11	1.31	
FOXHOLM WILDLIFE R				.04	.06				.07	T				.08		T		.57		.45					.65			T	.20	.63	.03
FRYBURG R				.45									.14	.03		.02							.09	.23	.02				.50	.03	.02
FULLERTON					.21		.31		T			.49	T					.06		.38					.36			.52	.12	.94	T
GACKLE	14				.48		.09					.42								.32					.28		.52			.89	T
GARRISON				.09					.95					.20			T	.21	.55				.01	.01	1.15				.40	.30	.42
GLADSTONE 22 N R									.05			.60	.05			.11			.55	.01			.08	—	—	—	—	—	—	—	—
GLEN ULLIN R				.03					.17			.20		.47		.03		.10	.74					.77	.10				30		.10
GLEN ULLIN 13 N	.07				.17							.45		.15		.32		.21		.44					.78	T			.79	.03	.05
GOLVA 1 SE R									.03				.29		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
GRACE CITY R	.08			.16	.30		.09		.13	.01					.17			.01	.15	.04					.15	.06		.31	.88	1.98	.02
GRAFTON STATE SCH					.70	.11	.09			.53					1.78	.38		T	.40				.01	1.13		.05	.09		.93	.12
GRAND FORKS CAA AP	T			.09	1.44	T	.14		T	.51	T				.25			.03	T	.16	.04				.62	.23		.52	.02	3.85	
GRAND FORKS CAA AP R //				.10	1.44		.13			.50					.22			.03		.18					.46	.25		.47	.02	3.85	
GRAND FORKS UNIV	T				1.69	.12	.12			.49	.01		T		.37	T		T		.06	.03		T	.50	.08	.27	.39		3.85	
GRAND RAPIDS 1 N		.39		.03	.27		T				.15	.07	T		.09			T		.37	T		T	.23		.42	.43	T	.14	T
GRANO R	.06			.18	.32				.27	.03				.15			.04	.43	.22	.13				.27				.28	.86	.06
GRANVILLE	.25			.25	.22				.09	.29				.04		.05		.32		.42			.01		.96				.15	1.78	.08
GRASSY BUTTE R				.04								.37		.28			.24		.38					.60	.03				.99	.23	
GRASSY BUTTE 10 N							T		T			.30	.03			T			.77					.02	.80			.77	.11	.15	
GRENORA				.22						.25				.10						T					1.22			.23		.45	.07
HALEY R				.07					.12			.49	.24	.23	.02								.05					.07	.09	.23	.25
HALLIDAY				.03								.70		.30					.36					.04					1.10	.16	.08
HALLIDAY R	—	—	—	—							.64	.70		.30		.03	.04		.40				.04	.14	.12				1.12	.13	10
HANKINSON R R STA		.01				1.10							.25		.01	.15	.01			.10						.80	T	.75	.35	.02	
HANNAFORD R	.60			.05	.24															.18					.47	.41		.98	.57	.76	
HANNAH				T	3.38	.24	.16		.09	.33		.02			.17	.08		.01		.45	.04		T	.39	.44			.07		.42	
HANSBORO				.03	3.09		.09		.08	.28					.20			.17		.25				.01	.30			.07		.34	.12
HAYNES 6 NE R				.30					.33			.15	.24	.38	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	.54	.48
HAZELTON R R STA. R //				.07			.10					1.07		.32		.10		.15	.50						.53	.34	.02	.92	.03	.97	
HETTINGER	.01	T		.03	.18		T		.04			.15	.28	.46	T	.08									.39				.05	.63	.32
HETTINGER 17 N R									.27			.12	.20	.19		.04	.08	.02						.22			.33		.05	.17
HILLSBORO		T			.40		.35			.01		T	T		.43	T				.28	.01		T		.10		.28	1.05	1.08	.47	T
HURDSFIELD R	.10			.19	.25				32					.21		.03			.21						.22	.05	.04	.12	.75	3.02	.05
JAMESTOWN CAA AP	.04	T		.12	.15		.12					.10						T	.10	.04	.01				.74	.43		.62	T	.74	T
JAMESTOWN CAA AP R //	.04			.11	.17		.12					.10							.11	.02					.76	.49		.65		.75	
JAMESTOWN STATE HOSP		.03		.05	.15		.72					.15	.02							.13					.76	T	.44	.66		.66	
KEENE		.11										T		T	T	T		.38	.45	T								T	1.00	.21	T
KENMARE					.40	.01	.02					.02			.03			.65	.03							.15		.02	.13	.38	.35
KENMARE R				.20	.23				.18									.61											.19	.71	.03
KENSAL WILDLIFE RE		.09		.04	.20	T	.04												.40	.27					.09						
KILLDEER 8 NW												.70		.16											.13		.18	1.19	1.14	1.98	
KRAMER 5 SE R	.10			.46	1.10				.15	.05				.04				.73	.55	.11					.26				1.36	.38	.08
KULM					.17				.06			.50			.05			.07		.26					1.73			.08	.12	.64	.08
LANGDON EXP FARM					1.25	.45	.06			.27					.36	.30	.02			.25	.11				.55	.18	.69			.20	
LANSFORD	.13			.10	.35				.22	.07				.26					.55	.19	.03			.36		.01	.15		.90	.05
LARIMORE	.17			.20	.92		.16			.90	T				.33			T		.08	T		T	.27				.15	.54	.04
LEEDS				.15	.15	.06	.14		.25	.14		.04			.25		.31		.26			.01	.02	.75		.65	.74	.13	1.98	.04
LEFOR 10 E					.13				.01			.07	.04	.01				.20	.51				T	.60			.02	.02		.86	.25
LINTON	.41	T		T	.84		.35		.08			.45	.06	.05	.66	.08	.12	.08		.20				.55	.32	.02	.03	.26	.01	.02
LISBON				.70			.07						.03		.54					.37				.12	.25	.27	.39		.76	
LITCHVILLE				T	.44		T					.08	.03		.15			T		.41	.03			.26		.51	.48		.25	1.78
LOSTWOOD 12 N				.30	.03		.06		.51	T		.01		T	.08	T		.54	T	.05	T		.01	.54	T	T		.24	.52	
MADDOCK AGR SCHOOL	.20			.25	.16	.04	.39		.10	.58					.54			T	.04	.18	T			.27	.06			.31	.59	.02
MANDAN EXP STATION	.07	T			.24	T	T			.42			.65	T		1.42	.19		.25				T	12		T	.22	.03	.93	.36
MANDAN EXP STATION R				.21					.40			.63			.85	T	.17	.25						12		.13	.10	.27	2.10	.38
MANDAN FT LINCOLN					.01				.26	.15		.52			.46	.49	.25			.50				.12				.03	2.27	.12
MARMARTH	.26											.09	.50	.03	.17									.13	T			.03	2.84	.03
MARMARTH M O U CO R	.23										.02	.27	.32	.03	.14	.01							.08	1.45				.10	T	.10	
MARTIN				.60			.10	.40							T			T		.36				T	.40	T		.07	.02		.3
MAX	.04			.39	T			f	.52	T	T				.23		T	.15		.36				.96				T	1.10	T
MAYVILLE		.16			.44		T			.13					.76	T			.25		T			.16		.33	.84	.53	.65	.10
MC CLUSKY	.19			.05	.43				.27	.35		.02			.75	.07	.10	.10		.32				.27	.09			1.58	1.45	
MC GREGOR R R STA. R	—	—	—	—	—	—	.20				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	.94	1.21	10
MC HENRY 5 N	.06			.07	.36		.02			.18					.13				T	.16				.15	.22		.73	.50	.49	
MC LEOD 3 E		T		.01	T		.19						.04		.65					.24	.05			.82	.15	23	1.32	.10	2.08	
MC VILLE	.05				.25	.07	.08			.40					.08					.02				.17	.18		.45	.80	.13	
MEDINA 1 W				.07	.55		.04					.20								.33				.15		.28	1.03	.16	3.20	
MEDORA R													.16	—	—	—	—						.10	.17			.04	.85	1.03	
MEDORA 4 NNE												T	.28	T		.02				.03				.12	.28				.52	.01	
MEDORA 11 N												.14	.04	T		T		.33	.40	.02				.08	.35				.40	.04	T
MELVILLE R	.39			.20	.10		.03		.04						.15				.29						.32				.40	.02	T
MINOT CAA AP	.02			.21	.03		T		.33	.02		T		.03	T	T	T	.65	.47	T			T	T	1.22				.10	.29		93	2.15	1.94	
MINOT EXP FARM	T			.27	.27	T			.13	.28	T			T	.01	T		.65	T	.57	T				1.24				.18	.81	.12
MOFFIT 4 SE		.03		.12	.03		.08		.06	.20		.51	T	T	.39		.03	.18	.02	.57	T				.33		.19	2.82	.20	1.11	.05
MOHALL				.22	.69				.16					T	.02			.53		.16				.01	.51	T	T	.13	.11	1.62	T
MONTPELIER	.01	.02			.29			T					.13			T		T		.18				.10	.02	.52	.39		.78	.04
MOTT	T			T					.34			.05	.07	.28				.27	.19				.01	.63			.24		.25	.11
MOTT R									.34			.05	.08	—	—	—	—	—	—	—				.35	.26		.27		.03	.15	.21
MUNICH 4 SW					.88	.28	.05		.08	.13					.13	.03	T	.02		.31			T	.03	.78	T		.11	T	.03	.15	.21
NAPOLEON 1 SE				T	.72		.14		.01	.04		.89			.16	T	.04	.19		.24					.32		.28	.82		.45	
NAOPLEON 1 SE R					.67		.16		.03			.89			.16	.02		.18	.23					.30	.28		.85	*	.79	
NEW ENGLAND						T			.44			T	.12	T		.02				.12				1.26				.19	T	.04
NEW ROCKFORD 7 WNW	.10		.26	.18	.15	.01	.19		.05	.37				.01	.01			.10	T	.20	T		T		.22	.10		.06	.50	1.65	T
NEW SALEM 1 S		.04			.95				.09			.49	T			.78	.20		.55					.44	T			.25	.45	.30
NOONAN				.80	.45				.15			.10						.40		.05				05				.20	.10	.30	.05
NORTHGATE R				3.80	.06				.37								.15	.31		.10					.25		.07	.11	.07	.84	.10
NORTONVILLE												.27								.32					.28		.27	.52			
OAKES	.04				.38		.04	.07		.05			.28		.09	.36			T	.40		T			.52	.03	04	.77	T	.33	.49
OAKES R				.04	.30		.05	*	*	.12		.24		.02	.36					.38					.50	.02		.80	.17	.57	
PARK RIVER					.78	.24	.18			.47					.46	.22	.04			.25	.06		T	T	.91	.18		.06		1.40	.07
PARSHALL				.26	.21	.02			.16					.01		.02		.02	.85	T					.30				.45	.24	.04
PEMBINA CAA AP 2 N	.02			.22	.58	T	.32	T		.07					2.68	T		T		.56	T		T		.34	.17	T	.07		.90	T
PEMBINA CAA AP 2 N R //				.04	.73		.32		.02	.05				.24	2.57				.09	.37			.04	.06	.31	.07		.86	.04	.26	
PETERSBURG	.03			*	.53	.25	.06			.48		.05				.24				.23	.01				.57	.09	.04	.31	.21	2.14	.05
PETTIBONE		.18		.01	.18		.05			T		.04			T			.05		.40				.05		.20	.68	1.97	.03	
PETTIBONE	.17			.03	.17							.04						.09	.37	.02				.06	.20		.67	.90	2.21	.03
PINGREE		.03		.13					T	T										.25	T				.05		.30	1.30	1.65	.45	.25
PORTAL				.03	3.59		.04		.01	.39				.04	.29			.53		.09					.11	.03		.10	.07	.49	.45
POWERS LAKE 1 N				.25					.07						.08			.74	.02					.18					.26	.71	01
PRETTY ROCK	T			.04			.03		.59	T	T	.30	.18	.31	.10	.03		.14		.43			T		.61	T	T	.65	.05	.55	.38
RAUB R //				.03					.10									.33	.53					.36	.29				.54	.15	.20
REEDER	.07											.15	.35	.07		.02									.64		T	.12	.07	.26	.15
REEDER 14 N		T			.04				.03	.04		.06	.02	.18	.08	.01		.22					.03	.05	.42		.03	.05	.05	.18	.12
RICHARDTON ABBEY	.11			.01	T		T		.01			.09	.04	.32		.01		.34		.40			.02	.01	.33	.02		T	.38	.14	.04
RICHARDTON ABBEY R	.13								.02			.10	.05	.31			.22	.13	.39				.02	.26	.07	.02			.45	.09	
RIVEROALE	.09	—		.08	.02	T			.62	T		.04		.80		.04	T	.14	.46	.08			.06		3.45	T			.72	.06	.20
RIVEROALE R	.10			.09	.02				.64			.05		.82		.04		.15	.54			*	.06		3.45				.76	.07	.27
ROLETTE R				.23	1.28		.14		.12	.10				.85				.30	.47	.10					.82			.07	.03	.67	.25
ROLLA	.02			.03	2.44	.02	.13		.05	.45				T	.05			.07		.37	.03		T	.03	.55			.10	.01	.45	.23
RUGBY	.20			.11	.50	.02	.30		.06	.15	.10			.07	.32			.25		.40				.02	.74			.08	.04	.84	.23
RYDER				.27						.31		T			.24					.64					.57				.39	.16	.05
RYDER R				.23					.30					.26					.63					.02	.57				.44	.07	.04
SANISH					.12	.04				.11					.12			.10		.47				.02	.42				.65	.04	.10
SARLES R //				.03	2.52		.17		.25	.17					.03					.10					.49					*	1.00
SCRANTON				.36	.26		.02		.06			.06	.37										.03	.05	.29			.16	.11	.43	.17
SELFRIDGE 11 W	.15			T			.06		.19			.66		.68	.02	1.19			.05						.49			.02		2.11	T
SENTINEL BUTTE 20 S												T	.16					.45	T			T	.10	—	—	—	—	—	—	—
SHARON	.10	.03		.03	.40	.05	T			.20					T	T				.16	.02		T	T	.80		.25	.70	.40	1.35	.02
SHERWOOD				.24	2.87	.04			.40	.10								.46		.11				T	.36			.10	.05	1.23	.04
SHEYENNE R	.16			.21	.51		.30		.33	.49					.17	—	—	—	—	—					.22	.03		.09	.38	1.65	.03
SHIELDS					.05		.07		.25			.52								.17				.15	.63	.18		.53		2.55	.14
STANLEY				.40	.29				.09	T					.18			.55	.24	.08				.15	.88				.50	1.43	T
STANLEY R				.40	.29				.09					.21				.07	.40	.35				.50	.45				.50	1.40	.02
STEELE	.51			.10	1.30	T	.08		.05			.34			.11		.02	.10		.94					.10	.26		1.04	.33	1.92	T
SYKESTON	.19			.22	.21				.20	.15								.16							.48	.02		.19	.56	1.20	
TAGUS	.04			.19	.02	T	.02		.46	T		T	*	.09				.80	T	.66	T			T	.40				.34	.90	.04
TIOGA				.02	.10													.23							.27				.40	.70	
TOLLEY 4 NE				.02	.52				.09	.01				.04				.47	T	.07				T	.32			.02	.09	1.23	.03
TOWNER				.22	.31		.10		T	.10		.03		.07	.33		T	.50		.42				1.42					.08	.32	.31
TROTTERS 6 WNW				T		T						.42	.02	T				.16	.26					.72			.74		.15	
TROTTERS 3 S R				.04								.05	.05	.02			.10		.14				.06	.69	.02		.09	.35	.05	.11
TURTLE LAKE	.23			.10	.13				.86	.40		.05			.01	.07		.07	.72	T				.02	.68				.57	.52	.38
TUTTLE 8 SW				.05	.61		.04					.18	T	.23		.02				.47				T	.08	.12		.53	1.65	2.45	.20
UNDERWOOD 12 W	.04			.05	.03				.04			.11	T	.04		.42	T			.50			.06		1.88			.03	.38	.04	.16
UPHAM 3 N	.30			.20	.81	T	T		.02					.11				.70		.66	T				.91	T		.03	.07	.58	.22
VALLEY CITY		T			.19	T	.07					.06	T		.21					.09					.16	.29	.53		.12	.40	
VAN HOOK				.06		T	T		.07			T		T				.07	.39						.27				.47	.27	.03
VELVA	.32			.18	.02				.18	.13					.33	.13		.20	T	.45					1.60	T			.24	.28	.15

See reference notes following Station Index.

DAILY PRECIPITATION

Station	Day of month																												Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ONA	.07				.60										.28					.40							60	.65	*	1.90	T	4.50
PETON POWER PLANT R				.10	2.43		.25								.02	.05				.16					.78			.88	.03	.02		4.72
PETON STATE SCHOOL		T		T	2.50		.14	.03				.01	T			.05							T	T	.78		T	T		.03	T	3.54
HALLA					1.40	.15	.10								.68	T			.08	.20	.09		.05	.09		.08		.10		.70	.13	4.85
WICK	.13			.16	.19	.17	.10		T	.67								T		.09			T			T	.18	.29		1.64	T	3.62
HBURN	.12	T		04	.31	.01			.15			.13				.07	.01	.11		.93					.42	.01		.01	1.56	.93	09	4.50
HBURN WATER WKS R				.35	.06				.16			.13				.09		.10	.92						.40				1.45	.43	.7	4 16
AUSA S OAK 8 N		.04		.04			.12		.09			.56	.17	.04		.70		.24		.29					.86			.10		2.85	.25	6.35
FORD CITY				.17					.03			.11							.16					.12	.64				.98	.26		2.47
FORD CITY 11 E R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		.51	.11				.93	.18	.05	-
THOPE				.27	1.94		.26	T	.22	T								.52	07	.07			.01		.78	.01	.04	.02		.59		4 80
DROSE				.56	.05				.07									.26	T	.05					.22		.01	.20	.25	.43	.03	2 13
LISTON N8 CITY R				.78	.04	T			.10			.12	T			T	.15		.75					.21	.01	T	T	.05	.38	.18	.09	2.86
LOW CITY	.06			.04	1.12		.14		.10					.24	T			.52	.18	.49					.68			.19	.07	.32	.16	4.31
TON R R STA					.23	.02				.09			.16	T	.27		.02	.16		.37				.01	.24			.06	T	4.21	2.31	8.19
HEK	.08											-	.57		.10				.36	-					.75		.19	.40		.50		-
DWORTH 5 E	.11	.13		.04	.13							.03								.28					.03		.19	.98	.28	1.53	T	3.73
L				.28	.09				.15			T				T		.12	T						.56		.06		.13	.40	.09	1.88

REFERENCE NOTES

four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers thin a state.

gures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

servation times given in the Station Index are in local standard time.

layed data and corrections will be carried only in the June and December issues of this bulletin.

nthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

tions appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

ess otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in es. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

eet and hail were included in snowfall averages in Table 1, beginning with July 1948.

ounts in Table 4 are from recording gages. Traces are not shown.

ounts in Table 3 are from non-recording gages, unless otherwise indicated.

a in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

w on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 CST.

- No record in Tables 3, 4, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
+ And also on a later date or dates.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with a windshield.
6 Station not equipped with a recording gage. See Table 4 for 6-hourly measured amounts.
B Adjusted to a full month.
E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T Trace, an amount too small to measure.
V Includes total for previous month.
SS This entry in time of observation column in Station Index means observation made near sunset.

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W.R.P.C., Kansas City, Mo. -- 10-11-51 -- 1090

See reference notes following Station Index.

Table 4

HOURLY PRECIPITATION

NORTH DAK
AUGUST 1

Station	A. M. Hour Ending												P. M. Hour Ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
AMIDON													.01	.02											
BALFOUR															.09	.18									
BELCOURT INDIAN RES													.02	.01											
BEULAH														.09											
BOWMAN COURT HOUSE														.02											
BUCHANAN																			.02	.10					
DEVILS LAKE WB CITY															.10		.02	.03							
DICKINSON CAA														.27	.01										
EDGELEY EXP FARM										.02															
ESMOND																.05	.12	.01							
FARGO WB AIRPORT																					1.52	.01			1
FORT YATES																		.04							
GRACE CITY																		.08							
GRANO												.06													
HALLIDAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HANNAFORD																		.01	.14	.45					
HURDSFIELD																	.07	.03							
JAMESTOWN CAA																				.03	.01				
KRAMER 5 SE													.09	.01											
MARMARTH M D U CO												.03	.20												
MC GREGOR RR STATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MELVILLE																			.39						
MINOT CAA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PETTIBONE																		.17							
RICHARDTON ABBEY														.05	.08										
RIVERDALE															.03	.07									
SHEYENNE																		.14	.02						
WATFORD CITY 11E																			-	-	-	-	-	-	
—4th—																									
AMIDON																				.02	.01	.09			
ANTLER																	.01	.17	.12	.03	.08	.28	.21	.92	1
BALFOUR														.18	.03	.01	.01	.01					.16		
BEACH																				.02	.03				
BELCOURT INDIAN RES																						.02	.01	.03	
BEULAH									.02	.03												.01	.05		
BISMARCK WB AIRPORT																							.03		
BOWMAN COURT HOUSE																				.64	.44		.01		1
BREIEN																			.04	.01	.01				
BUCHANAN														.02	.04	.01		.01							
CANDO																			.03	.02	.01			.01	
CROSBY															.10	.17	.17	.30	.09	.06	.09	.05		.01	1
DAWSON													.04	.01										.01	
DEVILS LAKE WB CITY																	.04	.05	.02						
DICKINSON CAA																			.05	.44					
EDGELEY EXP FARM														.05	.01										
ESMOND																.08	.17								
FORT YATES										.03														.23	
FRYBURG													•	•	•	•	•	•	•	•	•	•	•	.45	
GARRISON								•	•	•	•	•	.06	•	•	•	•	•	.03						
GLEN ULLIN																							.03		
GRACE CITY															.02	.07	.06	.01							
GRAND FORKS CAA																			.05	.01	.03	.01			
GRANO															.05	.10						.02		.01	
GRASSY BUTTE						.02		.01	.01																
HALEY																					.06	.01			
HALLIDAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
HANNAFORD																	.05								
HAYNES 6 NE																					.30				
HAZELTON R R STATION											.02	.02												.03	
HURDSFIELD													.01	.07	.09	.02									
JAMESTOWN CAA														.01	.01	.03	.01	.05							
KENMARE															.05	.10	.01							.04	
KRAMER 5 SE															.04	.10	.03						.26	.03	
MANDAN EXP STATION																							.04	.17	
MELVILLE															.01	.15		.04							
NORTHGATE														.04	.03	.08	.10	.23	.01	.04	.19	.48	1.55	1.05	1
OAKES																			.04						
PEMBINA															.01		.01					.01		.01	
PETTIBONE															.03										
RAUB												.03													
RIVERDALE											.03	.05												.01	
ROLETTE																			.03			.01		.19	
RYDER												.05	.18							.02			.01		
SARLES 3 E																									
SHEYENNE															.01	.02	.15	.01	.02						
STANLEY												.01	.25	.02	.05	.01	.01							.09	
TROTTERS 3S							.04																		
WAHPETON POWER PLANT																					.10				
WASHBURN WATER WKS											.02	.04										.02	.14	.13	
WILLISTON WB CITY										.02	.36	.40													
—5th—																									
ANTLER	.87	.43	.24	.09																					
ASHLEY	.04	.05																							
BALFOUR	.01	.01	.04		.02																				
BELCOURT INDIAN RES	.39	.42	.18	.44	.29	.57	.37	.23	.01	.01	.02	.01	.02	.03	.03	.06	.16	.10	.07	.03					
BISMARCK WB AIRPORT	.01																								
BOWMAN COURT HOUSE																					.01	.01			
BUCHANAN			.14	.01	.01																				
CANDO	.05	.12	.01					.03	.01							.01	.04		.10	.07	.02				
CROSBY	.05	.03	.02																						
DAWSON	.77	.28	.02	.01																					
DEVILS LAKE WB CITY		.33	.04	.01	.01	.01					.01						.05	.03	.02	.08	.04	.01			
EDGELEY EXP FARM		.08	.02	.01											.02	.03	.01								
ESMOND	.02		.01				.01		.01																
FARGO WB AIRPORT				.19	.14	.10	.02		.01																
GRACE CITY	.21	.03	.06																						
GRAND FORKS CAA					.13	.23	.15	.20	.15	.14	.01	.01	.01						.04	.34	.01	.01		.01	
GRANO	.02	.13		.14	.01					.02															
HANNAFORD			.01	.09	.05		.05	.02		.02															
HURDSFIELD	.15	.09	.01																						
JAMESTOWN CAA	.02	.01	.11	.03																					
KENMARE	.03	.05	.12	.03																					
KRAMER 5 SE	.03	.08	.11	.01	.52	.12	.02	.02			.01			.02	.01	.11	.01	.03							
MELVILLE		.03	.03	.04																					
NAPOLEON 1 SE	.57	.10																							
NORTHGATE	.04	.01				.01																			
OAKES		.02		.20	.07	.01																			
PEMBINA	.02	.01	.03	.12	.01				.02	.02	.09	.02	.05	.20	.02	.02	.02	.02	.01			.02	.03		
PETTIBONE		.15	.02																						
RIVERDALE						.02																			
ROLETTE	.23	.05	.03	.05	.07	.12	.46			.01		.01	.02	.01	.05	.03	.09	.03	.02						

See Reference Notes Following Station Index

HOURLY PRECIPITATION

Station	A. M. Hour Ending												P. M. Hour Ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ARLES 3 E	.17	.23	.31	.35	.14	.21	.35	.24	.02	.01		.02	.01		.01	.04	.01	.15	.21	.04					2.52
HEYENNE	.01	.02	.01	.04	.01			.02		.01	.01							.06	.16	.11	.05				.51
TANLEY	.05					.20		.01	.02	.01															.29
AHPETON POWER PLANT				.03	.20	1.30	.79	.10	.01																2.43
ASHBURN WATER WKS	.06																								.06
ILLISTON WB CITY	-					.03			.01																.04
												−6th−													
C GREGOR RR STATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									-
												−7th−													
ELCOURT INDIAN RES								.13	.10																.23
UCHANAN																			.01	.01					.02
AWSON										.03	.02														.05
EVILS LAKE WB CITY												.01	.09												.10
SMOND												.05													.05
ARGO WB AIRPORT		.01	.04																						.05
ORT YATES	.02															.16	.01								.19
RACE CITY													.02	.06	.01										.09
RAND FORKS CAA																.10	.03								.13
AZELTON R R STATION								.05	.04		.01														.10
AMESTOWN CAA										.05	.06	.01													.12
C GREGOR RR STATION						.11	.05	.02	.02																.20
ELVILLE												.01	.02												.03
APOLEON 1 SE								.02	.11	.02	.01														.16
AKES									.04										.01						.05
EMBINA																	.30	.02							.32
OLETTE										.12	.01	.01													.14
ARLES 3 E										.10	.03	.01					.03								.17
HEYENNE											.02	.05	.20	.02			.01								.30
AHPETON POWER PLANT								.20	.01	.04															.25
												−8th−													
AKES								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
												−9th−													
MIDON												*	.10												.10
NTLER												.05	.01	.07	.17	.03	.02	.01					.08	.02	.41
SHLEY										.03	.11	.05				.01					.13	.01			.34
ALFOUR												.20	.08	.01	.01		.03	.13			.05	.01			.52
ELCOURT INDIAN RES																		.04	.02	.03	.01		.01	.12	.23
ISMARCK WB AIRPORT																	.16					.01	.03		.20
OWMAN COURT HOUSE																					.01	.07			.08
ANDO																			.08	.02	.05	.04	.01	.17	.37
ARSON															.03	.01									.04
ROSBY										.11	.04										.01	.02			.18
EVILS LAKE WB CITY													.04	.01					.01	.04	.01		.01	.19	.26
ICKINSON CAA													.06	.01											.08
DGELEY EXP FARM												.01	.07	.06	.01			.09	.11			.12	.01		.47
SMOND													.07	.06	.01			.74	.01						.77
ORT YATES									.01	.01				*	*	*	*	*	.95						-
ARRISON															.03			.02							.05
AOSTONE 22N															.15	.02									.17
EN ULLIN																				.01	.02				.03
OLVA 1 S E																				.01	.07	.05			.13
RACE CITY												.04	.03					.02	.10	.01				.07	.27
RANO																.12									.12
ALEY															.31										.33
AYNES 6 NE													.12	.03		.07	.04	.01							.27
ETTINGER 17N																			.22	.06	.02		.02		.32
JROSFIELD																	.15								.18
ENMARE												.01	.02					.01	.01				.09		.15
RAMER 5 SE												.01	.01	.01	.01							.07			.40
ANOAN EXP STATION																.12	.21				.02	.02			.04
ELVILLE																									.34
OTT														.28	.02		.01	.03						.03	.03
APOLEON 1 SE																									.37
ORTHGATE									.01	.01		.06	.16	.08	.02						.01	.01		.01	.02
EMBINA																.08	.02					.02			.10
AUB															.08	.02									.02
ICHARDTON ABBEY															.02										.64
IVERDALE																	.64								.12
OLETTE																	.02	.01		.05	.04				.30
YDER							.01	.01	.14	.01	.01				.11	.01									.25
ARLES 3 E																		.02	.05	.05	.02	.06	.02	.03	.33
HEYENNE															.03	.02			.03	.20	.05				.09
TANLEY			.01	.05	.03																				.16
ASHBURN WATER WKS																.12	.01	.03							.10
ILLISTON WB CITY																.09				.01					
												−10th−													
NTLER	.03																								.03
ELCOURT INDIAN RES	.20	.13	.03	.02	.02	.01	.01		.01																.43
OWMAN COURT HOUSE	.01						.01						.04	.05	.01	.02									.14
ANDO	.01	.01	.01																						.03
EVILS LAKE WB CITY	.16	.01																							.17
ARGO WB AIRPORT						.04																			.04
RACE CITY					.01																				.01
RAND FORKS CAA			.02	.23	.24	.01																			.50
RANO	.02	.01																							.03
RAMER 5 SE				.02	.02		.01																		.05
AKES	*	*	*	*	*	*	*	.12																	.12
EMBINA			.02	.03																					.05
OLETTE	.10																								.10
ARLES 3 E	.12	.04	.01																						.17
HEYENNE	.39	.09	.01																						.49
												−11th−													
ARMARTH M O U CO																								.02	.02
C GREGOR RR STATION																	-	-	-	-	-	-	-	-	-
												−12th−													
MIDON																									
SHLEY																						.05			.05
EACH											.04	.21	.13		.01	.02	.01	.01		.02				.01	.46
EULAH																							.02	.01	.03
ISMARCK WB AIRPORT									.01	.01		.04	.11	.07	.01										.25
OWMAN COURT HOUSE												.03		.05	.17	.14	.07	.01	.02						.49
REIEN	.04	.05	.01		.01																	.32	.11	.01	.55
ARSON						.03		.01	.01	.08	.10	.05	.10	.08	.01										.47
AWSON						.05	.04			.11	.04	.06	.05												.35
												.01	.05	.01	.01	.04	.08	.05	.01						.26

See Reference Notes Following Station Index

HOURLY PRECIPITATION

Station	A. M. Hour Ending												P. M. Hour Ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
EDGELEY EXP FARM												.05	.11	.03			.01	.05	.03	.03					
FORT YATES	.01	.01					.02	.01	.01		.16	.18			.02			.01						.01	
GLAOSTONE 22N									.13	.18	.05	.05	.09	.04	.03	.01	.01	.01							
GLEN ULLIN												.10	.09	.01											
GRASSY BUTTE								.01	.10	.07	.01	.04	.11	.02	.01										
HALEY		.07	.05		.02																		.34	.01	
HALLIDAY											.30	.10	.19	.08	.03										
HAYNES 6 NE			.09	.02		.01		.02	.01																1.
HA2ELTON R R STATION											.05	.17	.03	.04	.13	.27	.21	.14	.01		.01	.01			
HETTINGER 17N		.03	.02	.02	.03	.02									.01	.02		.04	.02	.01					
JAMESTOWN CAA																									
MANOAN EXP STATION												.04	.02	.06	.17	.29	.04	.01							
MARMARTH M D U CO	.03	.02	.02																			.10	.10		
MOTT			.03	.01								.01													
NAPOLEON 1 SF											*	*	*	*	*	*	*	*	*	*	.89				
OAKES													.08	.07	.01				.07	.01					
PETTIBONE												.03	.01												
RICHARDTON ABBEY											.02	.08													
RIVERDALE															.02	.01	.01		.01						
TROTTERS 3S								.04	.01						.04	.09									
WASHBURN WATER WKS														.01	.03	.08									
WILLISTON WB CITY																									
													—13th—												
AMIDON													*	*	*	*	*	*	*	*	*	*	*	*	
ASHLEY		.01	.01															.02							1.
BEACH													.64	.27		.05	.07	.01							
BOWMAN COURT HOUSE							.01	.01								.01	.10	.05							
DICKINSON CAA			.01	.01	.01										.02	.01		.03							
FORT YATES	.01																	.05	.01	.02	.02				
FRYBURG															.11			.02							
GLADSTONE 22N																.04	.01	.01							
GOLVA 1 S E															.16			.12	.01						
HALEY														.02	.01	.11		.10							
HAYNES 6 NE															.01	.04	.03	.10	.06						
HETTINGER 17N																	.01	.12	.07						
MARMARTH M D U CD		.02													.06	.19	.05								
MEDORA													.04	.06	.03		.03								
MOTT																		.05	.02		.01				
RICHARDTON ABBEY																.02	.02		.01						
TROTTERS 3S															.05										
													—14th—												
ASHLEY																						.01	.03	.04	
BALFOUR																				.16	.01				
BEACH						.01		.02				.01	.01												
BELCOURT INDIAN RES											.02	.02													
BEULAH																								.01	
BISMARCK WB AIRPORT																.01	.01								
BREIEN																								.02	
CANDO																	.02	.18	.01	.01					
CARSON																							.01	.02	
DAWSON														.52	.01										
DICKINSON CAA																							.02	.15	
ESMOND																				.04	.01	.02		.01	
FORT YATES							.01								.02										
FRYBURG													*	*	*	*	*	*	.13	*	*	*	*	*	
GARRISON																	.46	.01							
GLEN ULLIN											.15														
GRANO													.21	.07											
GRASSY BUTTE																		.21	.01	.01					
HALEY															.30										
HALLIDAY								.02	.01						.01	.17	.13	.04							
HAYNES 6 NE																					.18	.14			
HA2ELTON R R STATION															.16	.01	.01	.01							
HETTINGER 17N																						.16	.05		
HUROSFIELD											.04														
KRAMER 5 SE																	.03								
MARMARTH M D U CD														-	-	-	-	-	-	-	-	-	-	-	
MEDORA										.01					.26	.01		-	-	-	-	-	-	-	
MOTT																							.01	.01	
OAKES																				.09	.13	.01		.01	
PEMBINA															.09	.22									
RICHAROTON ABBEY																	.77	.04	.01						
RIVERDALE												.01	.04					.05	.55	.19	.01				
ROLETTE									.01	.01							.02	.22							
RYDER										.15	.05		.01												
STANLEY										.01			.01												
TROTTERS 3S																									
													—15th—												
ASHLEY	.02	.01																							
BALFOUR		.01			.01																				
BELCOURT INDIAN RES	.01	.01	.01		.06	.14																			
CANDO	.07	.03		.04	.01									.02	.01										
DAWSON			.01	.01								.02													
DEVILS LAKE WB CITY					.01			.02			.01														
ESMOND	.05	.01				.01	.02	.02																	
FARGO WB AIRPORT															.33	.07									
FORT YATES						.01	.01																		
GARRISON	.07																					-	-	-	
GOLVA 1 S E												.15	.01	.01											
GRACE CITY												.02	.19	.01											
GRANO FORKS CAA																								.02	
HALEY							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HAYNES 6 NE																							.12	.02	
MARMARTH M D U CO													.14	.01											
MELVILLE																									
NAPOLEON 1 SE	*	*	*	*	.16												.31	.01							
OAKES		.01		.01		.07											.01	.01							
PEMBINA							.13	.30	.35	1.32	.28	.13	.02		.02										
SARLES 3 E				.02	.01																				
SHEYENNE									.13	.01	.01	.01	.01												
WAHPETON POWER PLANT																			.01	.01					
													—16th—												
ASHLEY																				.01	.03	.04			
BEACH				.04	.01																				
BISMARCK WB AIRPORT																		.29	.06	.03					
BREIEN																		.02	.07	.01					
FARGO WB AIRPORT																	.01								
FRYBURG																								.02	
HALLIDAY																							.02	.01	
HA2ELTON R R STATION															.				.05	.03	.02				

See Reference Notes Following Station Index

HOURLY PRECIPITATION

Station	A. M. Hour Ending												P. M. Hour Ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
TTINGER 17N						.01		.02	.01																.04
RDSFIELD					.01	.02																			.03
NDAN EXP STATION																	.02	.43	.39	.01					.85
RMARTH M D U CO	.01																								.01
POLEON 1 SE																			.01	.01					.02
VERDALE																		.04							.04
YENNE								–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MPETON POWER PLANT		.03	.02																						.05
SHBURN WATER WKS																		.09							.09
													–17th–												
DON	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.25	.25
TLER																								.03	.03
COURT INDIAN RES																			.02						.02
ILAH																							.02		.02
SON																							.02	.01	.03
SBY																						.01	.11		.12
KINSON CAA																							.17	.13	.30
DSTONE 22N																						.01	.03	.07	.11
N ULLIN																								.03	.03
NO																								.04	.04
SSY BUTTE																						.14		.10	.24
LIDAY	.03	.01																							.04
TINGER 17N																						.03	.05		.08
THGATE																							.06	.09	.15
HARDTON ABBEY																								.22	.22
TTERS 3S																							.09	.01	.10
LISTON WB CITY																						.14		.01	.15
													–18th–												
LER	.09	.20	.17																						.46
FOUR				.06	.02																				.08
COURT INDIAN RES			.01	.02	.10	.01	.01																		.15
LAH	.05																								.05
MARCK WB AIRPORT		.02	.14	.02																					.18
IEN	.01	.05	.03	.01																					.10
00						.02	.02																		.04
SON	.09	.03																							.12
SBY	.12	.01																							.13
SON						.05																			.05
ILS LAKE WB CITY							.01																		.01
KINSON CAA	.43																								.43
OND				.02	.10	.01																			.13
T YATES		.01	.01	.03			.02																		.07
RISON		*	*	*	*	*	.21																		–
N ULLIN	.06	.04																							.10
CE CITY																								.01	.01
ND FORKS CAA						.01	.02																		.03
NO	.12	.08	.17	.06																					.43
ELTON R R STATION			.03	.10	.02																				.15
TINGER 17N	.02																								.02
MARE	.06	.32	.14	.02	.04	.03																			.61
MER 5 SE		.05	.15	.35	.17	.01																			.73
DAN EXP STATION		.07	.10																						.17
DRA	–	–	–	–	–	–	–	–	–	–															–
OLEON 1 SE			.02	.15	.01																				.18
THGATE	.16	.14	.01																						.31
TIBONE						.04		.02	.01	.01	.01														.09
B			.08	.23	.02																				.33
HARDTON ABBEY	.10	.03																							.13
ERDALE				.14	.01																				.15
ETTE				.07	.21	.02																			.30
NLEY																									.07
HBURN WATER WKS					.08		.02																.05	.02	.10
													–19th–												
LEY																									.42
FOUR																			.01		.01			.40	.35
COURT INDIAN RES																					.10	.24		.01	.28
LAH																			.02	.14	.13	.09	.05	.01	.17
IEN																								.01	.07
HANAN																					.05	.01	.01		.28
DO																							.13	.15	.20
SON																					.02	.04	.08	.06	.64
SBY																				.63	.01				.05
SON																				.05					.50
ILS LAKE WB CITY																					.01	.09	.29	.11	.09
KINSON CAA																						.03	.02	.04	.68
ELEY EXP FARM																		.10	.57	.01					*
OND																			*	*	*	*	*	*	.19
T YATES																					.06	.12	.01		.18
BURG																						.09	.08	.01	.10
RISON																		.10							–
DSTONE 22N																				*	*	*	*	*	.55
N ULLIN																		.55							.74
E CITY																			.74						.15
DO	.02																						.10	.03	.22
SSY BUTTE																		.05	.10	.05	.02				.38
IDAY																	.36	.02							.40
AFORD																		.05	.35						.08
LTON R R STATION																							.01	.07	.50
SFIELD																						.01	.48	.01	.21
STOWN CAA																						.13	.08		.11
ER 5 SE																							.01	.10	.55
AN EXP STATION																				.20	.35				.25
ILLE																					.07	.18			.29
LEON 1 SE																							.20	.09	.23
INA													.01	.04								.01	.14	.08	.09
IBONE																						.04			.37
																						.07	.30		.53
ARDTON ABBEY																		.03	.20	.30					.39
RDALE																			.38	.01					.54
TTE																				.40	.14				.47
R																						.01	.31	.15	.63
LEY	.02	.32	.06													.02		.01	.13	.46	.01				.40
TERS 3S																									.14
BURN WATER WKS																	.12	.02							.92
ISTON WB CITY																				.02	.90				.75
												.01					.66	.08							
													–20th–												
ER																									.05
EY													.01	.04											.06
OUR	.06																								.10
OURT INDIAN RES	.08	.02																							.06
				.01			.01			.01			.01	.01		.01									

See Reference Notes Following Station Index

Table 4 - Continued

HOURLY PRECIPITATION

NORTH DAK
AUGUST 1

Station	A. M. Hour Ending												P. M. Hour Ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BISMARCK WB AIRPORT																					.01	.65			
CANOO	.01	.07	.01																						
CARSON							.01				.01	.01													
DEVILS LAKE WB CITY	.01		.02	.02	.04																				
EDGELEY EXP FARM	*	*	*	*	*	*	.45																		
ESMOND																	.12								
FARGO WB AIRPORT		.12	.09	.01	.01			.18	.05																
FORT YATES	.01																								
GARRISON	.55																								
GLADSTONE 22N	.01																								
GRACE CITY				.01	.01		.01	.01																	
GRAND FORKS CAA				.02	.02												.11	.02	.01						
GRANO														.01	.07	.05									
HANNAFORO	.01	.02			.09	.06																			
JAMESTOWN CAA	.02																								
KRAMER 5 SE									.02				.08		.01										
MOTT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
NORTHGATE																			.01	.06	.03				
OAKES	.16	.22																							
PEMBINA													.11	.08	.01		.01	.14	.02						
PETTIBONE								.01			.01														
ROLETTE		.02	.03							.03	.02														
SARLES 3 E														.02	.03	.03	.01		.01						
SHEYENNE	-	-	-	-	-	-	-	-																	
STANLEY																		.04	.30	.01					
WAHPETON POWER PLANT		.03	.08	.02			.01		.01	.01															

HOURLY PRECIPITATION

Station	A. M. Hour Ending												P. M. Hour Ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
VILLE				.01	.09																				.10
T	.26																								.26
OLEON 1 SE			.02	.28																					.30
THOATE	.03	.20	.02																						.25
ES						.03	.37	.10																	.50
BINA						.11	.19	.01																	.31
TIBONE				.03	.03																				.06
B	.16	.01	.09	.03																					.29
HARDTON ABBEY	.06	.01																							.07
EROALE	1.25	1.17	.96	.05			.01		.01																3.45
ETTE		.63	.13	.06																					.82
ER	.38	.08	.06	.05																					.57
LES 3 E				.43	.06																				.49
YENNE				.05	.17																				.22
WLEY	.40	.02	.03																						.45
TTERS 3S	.01	.01																							.02
PETON POWER PLANT								.03	.05	.69	.01														.78
HRURN WATER WKS	.02	.13	.24	.01																					.40
FORD CITY 11E	.10	.01																							.11
LISTON W8 CITY															.01										.01
													-26th-												
COURT INDIAN RES	.01																								.01
MANAN																				.35	.05		.01		.41
DD																			.01	.01					.02
SON																		.33	.04	.01					.38
ILS LAKE W8 CITY																		.03							.03
ELEY EXP FARM																					.14	.03			.17
ONO																			.03						.03
GO W8 AIRPORT																						.06	.34		.40
CE CITY																			.06						.06
NO FORKS CAA																		.03			.20	.01	.01		.25
MAFORD																				.10	.21	.09		.01	.41
ELTON R R STATION																			.33	.01					.34
OSFIELD																		.03	.01		.01				.05
ESTOWN CAA																				.30	.19				.49
VILLE																			.28	.01					.29
OLEON 1 SE																				.28					.28
ES																							.01	.01	.02
BINA				.01	.06																				.07
TIBONE																		.01	.19						.20
HARDTON ABBEY																	.02								.02
YENNE																		.02	.01						.03
													-27th-												
ON																									
MARCK W8 AIRPORT	.02																						.10	.20	.02
MAN COURT HOUSE																				.02	.01				.30
IEN																	.14								.03
SON																					.01	.94	.59		.14
SBY																			.05				.02	.04	1.54
ELTON R R STATION																								.02	.11
TINGER 17N																					.33				.02
OSFIELD																				.01	.01		.02		.33
MAN EXP STATION																							.03	.10	.04
THGATE																					.06	.10	.11		.13
													-28th-										.02	.05	.27
TH																									.07
COURT INDIAN RES			.03																			.01	.01		.02
MARCK W8 AIRPORT	.04	.24	.06																						.03
MAN COURT HOUSE																									.34
IEN																							.01	.03	.04
MANAN	.01	.25	.39		.01																		.77	.25	1.02
O		.10	.01	.01																					.66
SON								.01																	.12
SBY	.06																								.01
SON	.83	.34	.03	.01																					.06
LS LAKE W8 CITY		.01																							1.21
LEY EXP FARM			.56	.02																					.01
O W8 AIRPORT				.48	.17	.01																			.58
E CITY	.03	.18	.10																						.66
O FORKS CAA			.01	.33	.11	.02																			.31
Y																									.47
AFORD		.08	.38	.50	.02																		.03	.04	.07
LTON R R STATION	.83	.07						.02																	.98
SFIELD	.08	.02	.02																						.92
STDWN CAA		.53	.10	.02																					.12
ER 5 SE		.05	.02	.01																					.65
AN EXP STATION	.08	.02																							.08
ARTH M D U CO																									.10
RA																						.04	.01	.02	.07
ILLE	.05	.71	.16	.01																			.02	.02	.04
LEON 1 SE	.77	.08																							.93
HGATE	.07	.03																							.85
S			.08	.72																				.01	.11
INA						.01	.03	.05	.07	.13	.07	.02	.09	.11	.04	.02	.08	.07	.02	.01	.04				.80
IBONE	.36	.25	.06																						.86
TTE		.04	.01	.02																					.67
ENNE	.01	.06	.02																						.07
TERS 3S																									.09
ETON POWER PLANT					.82	.03										.02	.01						.04	.05	.09
ISTON W8 CITY																								.05	.88
													-29th-												.05
ON																									
ER								.02	.02	.01											.02	.02			.04
EY					.04	.06	.02																		.03
OUR								.10	.08	.10							.01	.01					.04		.12
H		.05		.97	.06																			.01	.30
OURT INDIAN RES							.12	.94	.36	.04									.01	.01					1.12
AM										.06														.06	.01
ARCK W8 AIRPORT	.01	.01						.01		.01	.01									.02	.01				1.48
AN COURT HOUSE																							.05		.12
EN												.10	.01					.01						.05	.08
ANAN							.01	.03							.01					.02	.02	.21	.05		.05
ON	.03	.12	.02								.30			.01	.01										.12
BY												.03	.01					.01							.35
ON																									.17
LS LAKE W8 CITY		.03	.05	.03	.02	.25	.02																		.32
INSON CAA									.02	.05	.08	.03						.01			.01		.01		.04
NO															.03	.04	.05	.11				.01			.43
O W8 AIRPORT																									.19
																									.23

See Reference Notes Following Station Index

HOURLY PRECIPITATION

Station	A. M. Hour Ending												P. M. Hour Ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
FORT YATES																						.01	.07	.03	.1
FRYBURG			.02	.10	.36			.01															.01		.5
GARRISON								*	*	*	*		.40												-
GLEN ULLIN						.30																			.3
GRACE CITY											.05	.25	.19	.05	.14	.16	.01	.02	.01						.8
GRAND FORKS CAA													.02												.0
GRANO							.02	.10	.07													*		.09	.2
GRASSY BUTTE			.01	.03	.02	.76	.08	.01					.01					.01			.01	.01	.02	.01	.9
HALEY	.01						.02																.05	.01	.0
HALLIDAY				.02	.13	.61	.20	.11	.03															.01	1.1
HANNAFORO													.06	.41	.10										.5
HAYNES 6 NE	-	-	-	-	-	-	-	-	.													.05	.02		-
HAZELTON R R STATION																								.03	.0
HETTINGER 17N															.01	.01	.01	.01							.0
HUROSFIELO										.11	.22	.02	.03	.02	.23	.07	.03	.02							.7
KENMARE							.06	.08	.01	.01														.03	.1
KRAMER 5 SE									.06	.02													.03	.01	.1
MANOAN EXP STATION									.18	.01	.01													.07	.2
MARMARTH M D U CO	.02																								.0
MC GREGOR RR STATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						.01	.01	.8
MEDORA		.01	.53	.17	.10						.01		.01											.01	2.1
MELVILLE											.29	.81	.55	.11	.33	.03	.01	.01				.01	.01	.01	.0
MOTT																					.01	.01	.01	*	*
NAPOLEON 1 SE																								.05	.0
NORTHGATE	.02																								.1
OAKES								.02	.15															.04	.0
PEMBINA																									.5
PETTIBONE										.05	.45	.30	.04					.06							.4
RAUB						.02	.14	.34	.03	.01															.5
RICHAROTON ABBEY	.01		.02		.09	.07	.18	.02										.01	.02	.01	.01				.4
RIVERDALE							.06	.11	.55	.04												.01			.7
ROLETTE									.02	.01															.0
RYDER						.02	.08	.33	.01																.4
SHEYENNE											.09	.22	.07												.3
STANLEY						.06	.29	.14		.01															.5
TROTTERS 3S		.03	.01	.21																				.10	.3
WAHPETON POWER PLANT		.01	.02																						.0
WASHBURN WATER WKS									.85	.26	.01	.01	.20	.01	.05			.01		.01	.01	.01	.01	.01	1.4
WATFORD CITY 11E	.03	.02			.05	.67	.10	.01	.03															.02	.5
WILLISTON WB CITY	.09	.03			.04	.22																			.2
													—30th—												
ANTLER	.02	.02	.03			.05	.11	.01	.01	.06	.05	.17	.01			.03	.07	.09	.08						.4
ASHLEY						.02	.10	.13	.05																.2
BALFOUR									.01		.03	.06	.02	.02		.01									.1
BEACH	.01	.81				.01	.01																	.02	.0
BELCOURT INDIAN RES					.05	.22	.06		.01						.01										.5
BEULAH														.05	.01										.0
BISMARCK WB AIRPORT	.03	.10	.22	.63	.40	.13	.03	.15		.01	.10	.20													2.4
BOWMAN COURT HOUSE	.01	.03			.07			.01																	.2
BREIEN	.19	2.06	.20	.10	.06					.02	.11	.01													2.4
BUCHANAN	.03	.02	.01	.05	.05	.51	.27	.25	.05	.05	.10	.01		.01	.09										1.4
CANOO			.01		.03	.13	.05	.03	.04	.02	.01	.01	.04	.06	.07	.07									.4
CARSON	.05	.10					.02		.01	.07	.10														.4
CROSBY	.05			.01	.27			.24	.23	.12	.04	.01													.3
DAWSON	.02	.01	.05	.16	.34	.40	.20	.10	.02	.02			.04	.02	.01										1.4
DEVILS LAKE WB CITY				.04	.08	.10	.15	.08	.10	.09		.02	.12	.14	.10	.08	.01								1.4
DICKINSON CAA	.01	.01		.01	.01	.03																			.2
EDGELEY EXP FARM		.02						.08	.13				.01												.2
ESMOND				.01	.01	.02	.03	.03	.06	.03	.05	.18	.18	.07	.05	.02									.4
FARGO WB AIRPORT			.01	.03						.10	.24	.36	.45				.01	.01	.01						1.4
FORT YATES	.02	.10	.20	.31	.14	.12	.04	.04		.01		.29	.04												1.4
FRYBURG		.01						.02																	.2
GARRISON		*	*	*	*	*	.24							*	*	*	*	*	.06						.2
GRACE CITY			.01	.03	.02	.05	.31	.55	.48	.02		.01	.26	.06	.14	.03	.01								1.4
GRAND FORKS CAA					.03	.01	.11	.20	.51	.54	.65	1.39	.22	.06	.03	.05	.04	.01							3.4
GRANO	.01	.03	.02		.10	.19	.10	.07	.01	.01	.01	.23		.01		.04	.01							.02	.4
GRASSY BUTTE	.01	.03			.04	.01	.02	.05	.07																.2
HALEY				.01			.15	.06															.01		.2
HALLIDAY									.05	.03		.01	.01	.01	.02										.4
HANNAFORO		.05		.04	.01	.04	.11	.07	.02	.02		.17	.14	.09	.02										.4
HAYNES 6 NE		.01					.17	.29	.06	.01															.5
HAZELTON R R STATION	.01	.04	.10	.38	.22	.14	.03	.01	.01				.02	.01											.2
HETTINGER 17N			.02	.01	.02		.08	.11	.09	.01					.01										.4
HUROSFIELO	.02	.03	.13	.19	.14	.17	.11	.09	.30	.27	.55	.55	.30	.14	.01		.02								3.4
JAMESTOWN CAA	.05	.03	.03	.05	.04	.12	.18	.17	.04	.01			.01		.01			.01							.4
KENMARE	.01	.01	.01		.05	.10	.06	.10	.05	.01	.16	.02	.01	.01	.08	.03									.4
KRAMER 5 SE		.05	.01	.02	.07	.17	.07	.03	.03				.01	.03							.07	.03	.05		.3
MANDAN EXP STATION	.04	.09	.25	.52	.15	.32	.11	.40	.02	.12	.19	.03	.01	.01	.01										2.4
MC GREGOR RR STATION		.01	.04						.25	.04	.06	.05	.04												.2
MEDORA	.01																								.2
MELVILLE			.02	.07	.06	.14	.66	.33	.10	.05	.11	.06	.02	.15	.15	.01	.01								1.4
MOTT				.01			.02	.07	.04	.01															.2
NAPOLEON 1 SE	*	*	*	*	*	*	*	*	*	*	*	*	*	.79											.2
NORTHGATE	.08	.03	.01		.05		.01	.04	.31	.15	.01		.04	.09	.02										.4
OAKES								.14	.21	.22															.2
PEMBINA	.04	.06	.01	.02	.06	.04		.01	.02																.2
PETTIBONE	.02	.01	.04	.08	.19	.22	.73	.13	.04	.02				.63	.09	.01									2.4
RAUB			.02					.01					.01	.04	.05	.02									.4
RICHAROTON ABBEY							.02	.02	.02		.01											.01	.01		.4
RIVERDALE	.02	.02						.01										.02							.2
ROLETTE	.01		.02	.10	.29	.13	.02	.04			.01			.05											.4
RYDER			.02	.02			.02		.01																.2
SARLES 3 E						.08	.07	.03	.02		.05	*	*	*	*	*	*	*	*	*	*	*	*	*	1.4
SHEYENNE		.01	.01	.09	.07	.11	.16	.18	.23	.06	.11	.21	.17	.15	.04	.05									1.4
STANLEY	.01	.02	.07	.07	.32	.01	.01	.01	.03	.62	.01		.13	.06	.02	.01									1.4
TROTTERS 3S					.02		.03																		.2
WAHPETON POWER PLANT			.01			.01																			.2
WASHBURN WATER WKS				.04		.01		.01	.08	.13	.07	.02	.07												.4
WATFORD CITY 11E	.02	.03	.01	.01			.01	.02	.07	.01															.2
WILLISTON WB CITY								.10	.08																.2
													—31st—												
AMIDON			.06	.04																					.2
ANTLER	.03	.01																				.02		.04	.2
BALFOUR												.05	.13	.15	.13	.07	.01	.01	.01				.01	.01	.4
BEACH	.05	.01	.01	.02	.02									.01			.01	.05	.04		.01		.01	.04	.2
BELCOURT INDIAN RES		.01	.01				.01					.01	.09	.01						.04					.2
BEULAH																									.2
BISMARCK WB AIRPORT		.02	.02			.01		.01		.01															.2
BOWMAN COURT HOUSE						.01	.01																		.2
CANOO	.02	.01					.01				.09		.02	.03	.06	.02	.01						.08	.02	.4
CARSON										.01	.01										.01			.01	.2
CROSBY																						.01			.2
DAWSON																									.2
DEVILS LAKE WB CITY																									.2

See Reference Notes Following Station Index

ble 4 Continued

HOURLY PRECIPITATION

Station	A. M. Hour Ending												P. M. Hour Ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CKINSON CAA											.01	.01						.01	.01						.04
GELEY EXP FARM							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONO									.01						.10	.17	.11	.02	.01	.03	.04	.02	.02	.03	.56
YBURG														.02											.02
RRISON		*	*	*	*	*	.04							*	*	*	*	*	.24						-
AOSTONE 22N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EN ULLIN							.04			.01	.02				.02	.01									.10
LVA 1 S E													-	-	-	-	-	-	-	-	-	-	-	-	-
ACE CITY		.01	.01																						.02
ANO								.02	.01																.06
LEY	.01	.02			.02	.06	.03	.11															.01	.02	.25
LLIDAY					.01		.01			.01		.02	.03		.02										.10
YNES 6 NE								.05	.11	.05	.03	.05	.14	.04		.01									.48
TTINGER 17N						.02	.02	.05	.03	.01			.02	.02											.17
RDSFIELD																			.01	.02		.01	.01		.05
WWARE						.01		.02																	.03
AMER 5 SE							.02	.01															.03	.02	.08
NDAN EXP STATION														.01			.01	.08	.02						.12
RMARTH M O U CO			.02	.01																					.03
NOT CAA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT							.01	.02	.10	.03		.01		.04									.01	.01	.21
TTHGATE	.03	.02		.01				.02																.03	.10
TTIBONE																.01	.02	.03	.08	.03	.03				.03
JB																		.01							.20
VEROALE	.02	.02	.01											.05	.09	.03		.01				.01	.01	.02	.27
LETTE								.01	.01			.01		.02			.02	.03	.10	.01		.01	.01	.02	.25
DER							.02		.01	.01															.04
RLES 3 E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.75	1.00
YENNE																					.01	.02			.03
NLEY									.01	.01															.02
TTERS 3S	.05	.02	.02	.02																					.11
HBURN WATER WKS													.01	.01	.03			.02							.07
FORD CITY 11E																									.05
LISTON W8 CITY				.03	.02	.02	.01			.01													.03	.02	.09

ble 6

EVAPORATION AND WIND

Station		Day of month																													Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
OWBELLS 5 E	EVAP	.34	.24	.32	.38	.46	.03	.08	.33	.18	.04	.19	.31	.17	.06	.11	.08	.13	.24	.25	.13	.11	.19	.16	.23	.10	.37	.17	.10	.16	.05	.04	5.75
	WIND	107	55	69	144	186	50	38	122	40	66	27	63	65	68	61	8	12	38	49	78	84	35	136	109	32	279	146	29	71	125	26	2418
EVILS LAKE W8 CITY	EVAP	.20	.23	.23	.22	.20	-	.15	.21	.41	-	.10	.12	.15	.12	.05	.15	.17	.16	.30	.05	.11	.18	.21	.10	.26	.22	.16	.17	.06	.04	-	5.248
	WIND	54	44	23	38	71	21	38	56	31	38	26	36	16	23	20	23	15	25	37	55	46	33	73	37	54	73	35	44	47	82	13	1224
ICKINSON EXP STA. A	EVAP	.22	.36	.38	.33	-	-	.24	.26	.33	.07	.16	.20	.08	.05	.12	.14	.23	.21	.22	.53	.15	.18	.26	.20	.21	.27	.19	.18	.42	-	.06	6.928
	WIND	60	130	80	190	220	110	70	130	70	80	50	150	130	70	100	60	50	100	50	190	110	80	240	95	115	130	120	70	180	140	90	3460
GELEY EXP FARM	EVAP	.15	.33	.24	.25	.38	.19	.22	-	.24	.21	.23	.10	.11	.08	.06	.18	.26	.16	.17	.21	.21	.09	.23	.12	.23	.16	.22	.37	.06	.01	.00	5.658
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOAN EXP STATION A	EVAP	.22	.22	.28	.26	.19	.09	.10	.27	.18	.18	.17	.15	.07	.06	.05	.09	.08	.09	.09	.21	.22	.10	.19	.11	.07	.26	.17	.16	.15	.24	.05	4.77
	WIND	114	116	99	104	197	96	48	101	69	126	82	58	102	50	48	47	57	45	32	121	147	42	190	114	88	113	70	108	171	172	111	3038
VEROALE	EVAP	.35	.35	.26	.33	.06	.21	.36	.17	.29	.14	.20	.11	.07	.27	.21	.13	.15	.22	.35	.21	.10	.31	.23	.23	-	.48	.10	.36	.33	-	.16	7.208
	WIND	104	92	109	185	145	57	88	55	113	78	56	119	85	53	62	46	28	73	56	132	47	155	147	81	149	93	47	162	191	141	80	3029

PAN 6 FEET IN DIAMETER, 24 INCHES DEEP, IN GROUND 20 INCHES.

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	98	85	85	85	79	89	84	80	80	70	76	63	63	66	73	77	78	77	80	71	71	79	90	79	72	82	73	68	62	65	61	76.
	MIN	62	63	52	64	63	56	60	51	54	49	51	52	50	50	49	52	48	56	52	50	44	44	54	56	53	49	46	53	51	56	55	53.
AMENIA	MAX	95	85	75	85	76	84	77	78	74	70	79	75	74	76	75	74	79	84	86	74	71	76	83	75	73	83	74	72	73	65	66	77.
	MIN	63	62	56	50	64	60	59	55	51	50	40	47	46	50	57	50	51	54	50	55	53	42	51	64	61	50	55	57	50	50	52	53.
AMIOON	MAX	98	96	89	91	89	84	90	85	88	79	78	78	65	73	72	75	85	92	79	82	72	76	81	90	82	73	82	74	70	60	72	80.
	MIN	67	62	54	66	57	59	59	50	55	50	49	48	51	46	42	42	46	54	47	45	43	50	55	53	53	47	45	44	51	50	54	51.
ARVILLA STATE PARK	MAX	92	83	81	85	67	72	77	76	70	67	74	73	76	74	72	70	77	74	81	72	70	77	78	76	72	80	75	71	67	66	60	74.
	MIN	54	62	51	51	61	53	53	54	50	53	43	44	52	46	53	46	45	53	47	55	54	40	52	65	63	57	46	48	47	55	51	51.
ASHLEY	MAX	93	82	80	72	83	95	86	75	70	65	75	59	65	70	71	74	77	78	79	70	69	76	83	84	78	80	74	72	70	74	66	75.
	MIN	62	62	50	55	64	60	63	50	48	52	38	50	50	51	53	45	46	51	47	52	48	54	56	65	61	48	49	54	53	61	50	52.
BEACH	MAX	98	98	86	91	96	85	87	83	79	78	71	79	63	75	68	72	81	85	77	86	70	76	82	87	78	70	76	70	74	58	71	74.
	MIN	51	61	56	60	59	55	62	48	51	50	48	54	48	46	42	47	47	51	50	47	38	44	52	55	53	44	41	44	52	50	54	50.
BELCOURT INDIAN RES	MAX	87	77	77	84	64	76	78	68	62	67	67	66	71	71	67	71	75	74	77	65	68	75	79	75	72	68	67	66	61	54	54	70.
	MIN	57	58	45	54	57	56	57	51	45	46	47	47	43	45	52	43	48	53	43	46	49	43	50	56	54	46	40	49	45	46	47	49.
BELFIELD	MAX	96	87	90	93	81	90	81	80	81	78	79	69	70	72	73	82	85	78	83	71	71	80	86	80	73	78	73	74	64	70	61	78.
	MIN	54	64	52	57	53	61	48	56	52	57	54	51	46	49	46	42	44	50	45	42	38	50	63	53	53	45	42	46	48	50	50	50.
BISBEE	MAX	86	79	79	89	65	79	79	70	66	67	71	69	72	70	68	73	78	76	79	69	69	76	83	73	73	71	69	68	64	59	55	72.
	MIN	57	60	48	55	59	59	59	54	48	49	45	49	47	51	55	50	49	55	49	50	52	43	57	60	58	50	43	51	46	47	50	51.
BISMARCK W8 CITY	MAX	91	95	84	83	82	70	90	86	73	75	69	76	59	65	69	71	76	76	78	74	69	68	77	90	83	75	82	74	71	64	67	76.
	MIN	65	67	55	63	66	59	64	55	53	53	45	53	52	52	55	48	48	58	52	54	49	49	62	62	61	51	49	55	53	52	55	55.
BISMARCK W8 AIRPORT	MAX	97	85	84	85	71	92	87	79	77	69	78	61	67	71	72	77	77	79	82	71	68	81	91	82	76	84	74	70	64	69	63	76.
	MIN	63	61	57	62	60	59	60	53	54	50	44	51	53	51	54	47	46	58	51	53	48	47	63	62	57	49	47	54	52	58	54	54.
BOTTINEAU	MAX	87	89	80	80	82	66	73	78	69	61	68	73	68	72	71	68	74	77	75	76	68	69	76	60	73	71	67	67	67	64	57	72.
	MIN	60	58	49	58	58	58	58	50	48	49	44	53	47	46	54	54	50	54	45	46	50	46	57	62	59	49	41	47	48	50	50	51.
BOWBELLS	MAX	92	89	81	87	79	68	75	78	71	56	69	71	69	67	72	72	77	83	76	74	66	65	81	89	72	70	65	66	67	61	56	73.
	MIN	56	55	47	60	57	52	57	49	47	47	44	49	46	53	46	45	44	55	46	47	48	45	55	58	58	49	43	47	47	47	47	49.
BOWBELLS 5E	MAX	88	86	78	83	77	67	75	76	70	56	67	68	68	67	71	69	74	78	73	74	66	63	79	87	69	69	63	66	65	61	55	70.
	MIN	57	55	50	60	57	52	61	46	48	48	43	49	46	41	46	45	45	54	46	47	44	47	48	56	50	48	43	42	48	47	48	49.
BOWMAN COURT HOUSE	MAX	94	91	90	94	91	88	87	80	78	74	78	73	65	68	71	79	81	80	82	81	76	79	69	86	77	83		74	62	76	71	79.
	MIN	62	60	54	64	59	54	58	49	54	47	48	52	51	47	42	49	47	50	49	47	40	48	54	53	52	44		48	51	54	53	51.
BUTTE	MAX	93	84	90	83	69	80	82	73	70	67	75	72	72	75	68	76	79	77	82	67	66	79	88	87	74	76	74	71	65	60	58	75.
	MIN	62	62	50		61	53	57	52	49	48	49	48	45	49	52	45	48	54	51	48	50	47	60	59	57	52	46	52	48	52	50	52.
CARRINGTON	MAX	91	84	82	82	85	81	86	84	77	71	66	77	63	74	71	69	75	80	78	84	69	68	79	89	83	78	82	76	71	61	59	76.
	MIN	59	46	49	46	54	59	55	50	44	48	45	45	44	45	48	44	43	44	44	53	51	44	44	56	54	49	44	44	46	46	48	48.
CARSON 2 S W	MAX	99	88	90	90	81	95	90	81	82	72	81	60	65	67	73		82	81	83	75	71	82	85	92	75	86	74	70	66	67	62	78.
	MIN	60	62	52	64	62	54	61	46	55	48	46	42	42	48	47		45	57	52	50	41	48	50	56	56	45	48	56	51	57	55	51.
CAVALIER	MAX	93	89	86	85	78	68	79	75	70	68	69	75	79	79	74	72	77	78	80	76	75	78	78	75	78	76	72	71	79	66	67	76.
	MIN	57	56	52	51	46	54	55	56	46	50	46	45	46	46	55	55	52	53	50	54	53	41	55	64	61	56	50	54	46	54	50	51.
CENTER	MAX	96	86	84	86	85	89	84	76	82	72	76	64	69	74	78	79				67	80	86	82	80	79	80	72	71	64	66	60	77.
	MIN	68	55	58	61	52	69	65	52	48	52	46	50	49	50	45	43				45	43	44	40	50	54	47	44	52	43	53	52	51.
COOPERSTOWN	MAX	98	84	80	84	76	82	82	80	73	69	77	75	75	72	71	69	70	74	76	66	70	79	81	78	79	81	76	73	66	62	59	75.
	MIN	56	60	48	53	61	58	55	49	45	53	41	48	48	48	51	46	42	54	44	52	51	43	55	64	52	50	44	54	46	56	51	51.
CROSBY	MAX	92	87	91	87	75	80	78	73	65	69	74	71	72	67	73	78	84	77	75	66	69	85	88	71	69	64	65	65	60	57	62	73.
	MIN	60	57	54	57	57	54	59	51	49	47	44	50	44	51	43	45	44	53	45	46	43	51	58	55	54	48	41	49	48	49	50	50.
DEVILS LAKE W 8 CITY	MAX	91	79	79	86	68	78	80	71	67	66	74	71	73	73	67	73	76	77	80	65	69	78	83	81	77	77	71	69	64	59	60	73.
	MIN	59	57	50	58	59	59	57	52	49	51	48	50	48	54	56	50	48	58	51	53	53	47	58	63	61	52	59	50	47	53	51	53.
DICKINSON CAA	MAX	98	85	88	94	79	88	84	77	77	70	76	60	67	69	72	79	82	76	80	69	71	80	88	80	71	80	70	73	58	68	58	76.
	MIN	63	59	54	65	59	60	55	50	53	50	47	51	48	46	48	52	48	54	52	48	43	50	57	54	51	48	45	50	49	55	54	52.
DICKINSON EXP STATION	MAX	99	100	87	91	94	81	91	80	80	81	70	79	59	68	72	73	81	83	78	83	70	71	81	89	80	72	80	71	74	59	68	78.
	MIN	57	56	51	65	59	53	60	47	55	51	45	53	51	47	49	50	43	46	50	47	42	48	57	50	50	45	41	51	50	50	54	50.
ORAKE	MAX	91	93	79	81	84	78	80	82	73	67	67	79	75	73	75	68	76	78	76	79	67	66	77	83	73	74	75	70	71	62	59	75.
	MIN	59	60	51	60	61	61	60	50	50	50	48	50	48	52	56	48	48	56	49	49	51	45	57	61	59	45	45	52	49	49	52	52.
DUNN CENTER	MAX	95	100	85	90	90	80	88	85	79	78	73	79	57	67	72	75	80	80	79	83	69	70	81	90	79	71	78	69	73	58	65	78.
	MIN	52	59	45	52	62	46	52	47	48	50	40	42	48	49	49	48	42	45	45	48	40	42	50	54	55	45	39	39	49	49	54	47.
DUNSEITH ST SANITARIUM	MAX	86	82	78	84	64	75	76	72	65	66	70	66	71	70	71	71	75	74	75	67	68	75	78	78	66	66	66	67	62	56	55	70.
	MIN	59	61	51	56	57	58	58	52	48	48	46	49	48	52	53	47	50	53	48	48	51	46	56	60	57	46	47	50	48	50	49	51.
ECKMAN	MAX	86	78	80	78	78	65	71	80	70	61	68	72	68	71	72	68	75	78	76	77	68	68	79	83	70	73	70	68	68	63	58	72.
	MIN	58	40	50	55	45	50	59	49	50	50	48	50	45	49	54	39	42	50	44	47	49	45		60	58	50	42	48	46	50	52	49.
EDGELEY EXP FARM	MAX	85	94	85	80	77	87	89	87	79	70	67	77	65	69	69	76	77	80	78	83	73	68	77	83	81	80	80	72	72	65	68	77.
	MIN	55	66	46	50	56	63	58	51	51	53	40	45	46	47	51	44	44	44	58	52	48	39	39	61	63	46	48	50	51	51	50	50.
EDMORE 1 W	MAX	90	80	77	84	61	78	78	70	66	62	72	70	73	72	69	73	76	77	79	69	70	76	80	78	76	74	70	69	67	62	59	72.
	MIN	53	56	46	51	60	57	52	51	46	40	48	45	46	49	55	53	46	52	44	52	52	39	56	63	61	54	44	51	45	52	49	50.
ELGOWOODS	MAX	99	86	84		75	85	86	77	76	77	74	80	69	76	73	79	84	80	87	86	86	84	92	83	74	77	70	74	71	60	61	78.
	MIN	56	62	61		50	49	54	51	49	47	49	40	51	46	52	43	42	56	34	51	49	43	58	53	53	43	36	52	48	53	53	49.
ELLENDALE	MAX	98	90	83	79	91	92	90	81	75	69	80	75	71	69	75	78	81	76	83	75	68	78	82	82	80	79	75	70	67	69	65	78.
	MIN	62	63	50	52	65	65	63	53	52	52	42	49	53	52	57	51	50	55	52	51	50	42	60	65	65	52	52	54	54	57	54	54.
EPPING	MAX	96	90	93	90	82	82	85	80	78	73	77	74	75	77	80	88	88	86	83	69		91	78	73	70	72	68	73	66	63	63	78.
	MIN	61	60	56	59	58	54	59	49	54	50	51	51	52	48	52	44	55	53	45	43	41	50	56	56	44	45	38	49	48	51	53	51.
FARGO WB AIRPORT	MAX	94	82	76	85	73	72	79	75	72	67	77	74	75	7	74	73	77	81	84	72	68	78	76	73	70	80	70	70	73	65	64	74.
	MIN	65	60	53	56	65	60	60	55	53	49	44	50	57	52	57	53	47	56	50	53	52	44	57	65	56	51	54	56	52	56	52	54.
FESSENDEN	MAX	92	80	79	85	67	82	82	76	71	68	75	68	66	71	66	75	77	75	83	74	68	78	83	83	78	77	71	71	65	59	61	74.
	MIN	60	60	49	61	61	60	6	50	51	47	49	47	47	51	57	46	47	56	50	49	48	43	59	64	1	51	47	49	48	55	50	52.
FORMAN	MAX	96	89	85	84	90	87	86	78	73	71	75	72	70	69	73	77	78	77	85	75	69	70	80	77	79	74	79	70	72	68	69	77.
	MIN	62	64	56	53	63	63	61	53	53	55	39	49	48	51	49	52	50	55	49	54	49	4	44	54	2	46	48	57	54	61	52	53.
FORT YATES	MAX	96	86	83	87	80	95	89	81	71	68	73	65	65	69	71	76	78	77	78	73	67	79	92	86	83	82	76	70	68	71	67	77.
	MIN	60	63	50	61	64	51	63	51	55	52	41	52	50	51	49	42	45	55	45	52	45	46	62	63	59	50	51	55	55	73	54	53.
FOXHOLM WILDLIFE REF	MAX	92	87	86	84			80	74	70	70	77	72	73	75	72	71	82	82	79	62	66	82	68	91	73	71	64	72	67	62	57	75.
	MIN	53	62	51	60	54	57	56	53	48	53	46	48	47	42	54	43	43	57	48	51	50	43	58	60	54	51	44	61	48	52	52	51.

See Reference Notes Following Station Index

Table 5 Continued

DAILY TEMPERATURES

NORTH DAKOTA
AUGUST 19

Station		Day Of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ULLERTON	MAX	101	87	83	82	90	90	88	78	72	66	78	66	70	69	74	79	81	78	85	71	68	78	82	81	80	73	68	69	66	68	63	76.9
	MIN	63	61	50	57	60	65	61	52	51	54	43	46	52	51	58	49	63	62	62	61	57	56	60	64	66	54	57	53	58	58	59	56.7
ACKLE	MAX	94	90	86	89	83	90	90	79	80	69	78	75	70	74	74	75	76	79	84	76	7	79	81	84	79	82	75	72	70	65	67	78.0
	MIN	67	62	50	57	62	61	61	58	57	51	43	50	49	51	50	41	52	52	4	53	46	44	54	64	62	49	52	54	51	49	51	53.9
ARRISON	MAX	99	81	84	78	70	87	82	76	75	70	76	65	67	73	70	77	80	77	81	69	66	80	88	80	72	77	71	72	63	59	57	75.0
	MIN	61	62	50	59	63	56	56	50	54	50	46	52	48	48	52	47	46	54	47	47	45	41	58	57	56	47	43	53	48	53	53	51.9
RAFTON STATE SCHOOL	MAX	92	88	82	84	81	68	79		77	67	72	72	76	75	74	68	76	76	81	76		78	78	76	77	77	77	74	70	67	64	75.9
	MIN	60	63	50	55	59	56	56		47	51	45	48	51	52	56	53	50	54	44	43	44		55	64	62	51	48	53	46	56	50	53.0
GRAND FORKS CAA	MAX	96	83	81	87	67	69	75	73	69	64	74	77	80	76	71	72	78	78	81	70	68	78	79	74	74	81	74	72	70	65	61	74.7
	MIN	62	57	50	54	60	58	57	55	51	50	45	49	56	51	54	54	49	54	46	55	2	45	56	60	59	52	46	53	48	55	52	53.4
GRAND FORKS UNIVERSITY	MAX	93	83	76	84	73	68	75	72	66	63	75	75	77	73	70	74	75	75	81	74	67	76	80	73	73	78	74	71	70	70	69	74.3
	MIN	61	62	49	58	60	57	56	53	49	52	45	48	55	55	52	54	49	54	46	54	55	46	62	62	63	51	48	54	51	54	55	53.9
GRAND RAPIDS 1N	MAX	96	91	82	80	88	91	86	79	74	72	74	80	74	72	75	78	80	83	85	72	70	79	82	81	82	83	74	71	69	68	64	78.6
	MIN	58	63	49	52	63	62	61	58	52	54	39	39	51	50	55	46	44	54	46	55	49	40	58	66	64	51	50	56	51	50	51	52.8
HANVILLE	MAX	87	80	83	85	67	75	83	75	69	68	75	71	72	72	68	77	77	76	80	77	65	80	85	84	73	73	69	71	66	62	57	74.3
	MIN	62	62	54	64	64	66	63	56	55	56	46	52	48	52	54	42	45	55	46	45	49	44	59	60	59	51	44	53	50	52	52	53.8
HENORA	MAX	98	82	92	80	82	83	85					75				80	85	75			70	80	79	75	72	69	70	60	70	62	64	76.7
	MIN	63	59	53	56	57	53	58	57				48	51		54	50	51	49		41	36	50	58	55	44	38	48	49	47	50	53	51.1
HINKINSON R R STATION	MAX	87	94	87	81	84	78	80	82	78	74	73	78	75	70	70	74	77	77	75	83	75	68	77	80	75	72	79	74	70	76	75	77.4
	MIN	64	66	40	53	55	61	59	56	54	56	46	49	49	54	56	56	54	55	53	59	52	43	45	59	62	53	54	55	56	57	53	54.3
HUNNAH	MAX	85	79	80	82	65	68	77	70	64	64		66	73	76	66	70	75	76	77	69	67	75	78	75	69		66	66	62	58	60	71.0
	MIN	56	57	44	57	59	56	57	52	46	44		44	42	51	54	52	45	55	46	44	51	42	56	60	61	49	44	49	42	50	48	50.4
HANSBORO	MAX	90				63	74	78	70	65	69	69		72	72	66	72	78	76	79	61	68	76	80	68	73	71	68	67	62	55	55	70.3
	MIN			42		57	55	57	50	47	46	46		43	46	54	52	46	55	47	48	51	42	55	59	55	50	44	49	44	50	49	49.6
HETTINGER	MAX	95	87	88	93	86	94	87	81	79	72	74	65	63	64	73	80	80	79	80	72	75	78	90	81	73	81	74	73	61	70	64	77.8
	MIN	63	63	55	64	62	57	61	50	53	50	52	52	52	51	45	50	47	55	51	50	41	49	50	56	55	47	49	49	54	57	54	53.0
HILLSBORO	MAX	99	88	81	83	80	73	74	73	72	70	79	75	75	72	75	74	75	78	84	71	69	79	81	75	73	82	75	70	73	66	63	76.0
	MIN	58	60	55	50	61	54	52	53	51	54	41	42	51	47	52	51	47	49	56	49	51	42	53	62	60	64	47	56	47	58	50	52.4
HOPE CAA	MAX	97	85	81	83	82	89	81	77	73	66	78	68	74	71	74	77	79	82	85	70	70	79	83	80	80	83	74	68	71	62	61	76.9
	MIN	60	57	48	54	63	61	59	53	48	48	40	45	48	51	53	44	43	54	46	55	46	34	59	67	59	51	50	54	51	55	51	52.1
HOPE STATE HOSP	MAX	99	87	83	85	86	90	82	79	73	69	78	73	72	71	72	79	80	81	85	77	68	80	84	81	80	84	74	68	72	63	62	78.0
	MIN	62	63	51	55	63	61	60	54	49	56	40	47	57	52	55	47	46	54	50	55	52	40	59	67	64	51	51	59	51	57	51	54.2
HOVMARE	MAX			82	86	79	68	75	78	73	60	70	74	68	68	74	72	83	75	75	75	68	65	80	90	72	73	68	68	69	60	56	72.6
	MIN	58	57	57	60	57	52	56	51	47	49	48	49	48	52	51	46	51	48	47	49	48	50	55	58	57	50	44	47	48	48	50	51.2
HUSAL WILDLIFE REFUGE	MAX	99	87	84	83	84	88	86	80	76	70	80	71	79	73	74	81	83	82	86													79.0
	MIN	56	60	47	55	62	60	58	50	47	53	38	48	46	48	51	44	40	43	43							84	78	78	68	62	59	50.0
INGDON EXP FARM	MAX	86	80	76	83	75	72	77	72	68	67	69	68	74	74	70	68	73	75	78	73	70	75	80	75	76	72	68	68	64	62	58	72.5
	MIN	58	57	45	55	58	55	56	51	45	47	42	45	43	50	54	52	46	53	45	50	51	44	57	62	60	49	41	49	43	50	47	50.3
INMORE	MAX	94	85	80	87	68	71	77	74	67	65	74	72	71	74	67	71	75	78	81	73	68	72	79	73	74	79	73	69	65	64	61	73.6
	MIN	58	62	52	54	62	58	57	53	50	53	47	48	51	50	51	52	49	55	50	55	54	42	56	65	63	52	49	55	48	55	52	53.5
IOS	MAX	89	82	83	87	69	82	81	74	70	71	77	78	77	73	71	77	80	82	81	73	81		81	75	77	72	70	69	68	62	57	75.6
	MIN	57	58	47	57	59	59	58	49	48	48	45	43	43	49	55	44	54	48	49	49	48		61	60		52	45	46	45	51	49	50.9
IRTON	MAX	97	83	83	83	78	95	88	79	75	69	78	78	66	73	73	78	79	80	80	73	68	80	88	87	80	83	78	69	68	70	68	78.3
	MIN	62	65	56	61	61	57	56	50	54	54	40	53	50	54	53	48	46	56	49	55	49	45	61	63	61	48	52	55	56	63	55	54.8
ISBON	MAX	89	95	87	81	85	82	86	84	78	74	67	79	70	75	70	77	78	79	79	85	73	70	77	80	76	79	80	69	69	69	66	77.7
	MIN	58	64	50	47	63	63	60	53	51	51	38	45	54	50	58	51	46	50	46	55	50	39	48	63	63	50	50	51	52	54	52	52.4
IWOOD 12N	MAX	92	83	86	85	75	75	78	73	69	68	70	67	66	69	70	75	81	80	73	64	65	80	88	79	73	65	66	67	59	57	60	72.8
	MIN	51	57	51	59	51	50	58	48	41	47	43	48	42	51	48	42	43	52	42	45	46	42	51	56	54	46	39	48	46	42	51	48.1
HOCK AGR SCHOOL	MAX	97	84	82	90	70	81	80	75	70	69	77	70	74	74	70	76	76	77	82	75	70	79	89	82	79	75	71	72	67	64	57	75.9
	MIN	56	59	47	56	61	61	57	52	47	50	44	50	44	49	56	44	46	55	49	51	48	42	59	62	62	50	45	52	47	54	50	51.8
HOMAN EXP STATION	MAX	92	98	83	82	84	71	89	85	77	77	67	76	59	65	70	70	75	77	78	80	70	67	79	90	80	74	83	73	70	63	67	76.5
	MIN	62	66	52	61	62	55	60	52	53	52	46	51	51	51	52	47	44	55	51	52	49	45	58	61	59	51	46	51	51	55	54	53.4
HOMAN FT LINCOLN PARK	MAX	100	96	88	83	77	90	88	80	77	69	79	73	66	70	73	78	80	79	82	78	71	80	93	83	77	85	76	71	65	71	74	79.1
	MIN	62	60	52	61	67	55	62	52	52	53	45	50	51	52	53	45	45	55	51	52	47	45	63	61	60	56	47	54	52	57	53	53.9
HORTH	MAX	99	85	90	95	89	93	87	80	80	74	80	76	76	70	72	81	84	80	80	76		77	82	89	84	76	76	76	65	76	68	80.5
	MIN	55	56	50	70	62	53	58	47	54	50	49	55	55	48	43	53	47	53	49	50	38	38	50	59	56	53	50	52	55	58	55	52.3
	MAX	95		82	88	81	84	84	74	71	65	65	68	75	68	69	62	72	78	76	80	68	68	78	85	78	74	74	68	72	60	63	74.2
	MIN	61	65	54	57	60	51	51	50	49	49	46	45	47	47	50	48	48	54	48	48	48	47	47	59	59	47	42	48	50	41	52	50.6
HORVILLE	MAX	99	82	78	86	68	76	78	76	72	75	76	76	75	72	72	73	76	80	72	70	78	76	77	75	77	82	74	72	66	64	62	75.3
	MIN	58	61	53	54	64	60	54	56	48	55	45	48	56	50	55	48	46	54	52	53	44		63	58	63	54	48	56	48	54	52	53.7
HOYLUSKY	MAX	95	97	83	81	72	86	83	78	71	66	77	73	72	73	70	75	78	76	81	78	67	79	85	85	74	78	70	71	67	59	58	76.1
	MIN	61	64	52	60	63	60	61	51	51	50	46	50	45	51	55	47	50	57	51	51	50	47	60	60	59	49	44	52	49	55	51	53.3
HENRY 5 N	MAX	96	81	78	85	76	79	79	72	70	65	74	70	74	72	67	74	77	78	82	67	67	78	82	81	78	80	73	69	60	60	58	74.3
	MIN	55	59	47	54	60	59	56	49	45	51	42	45	43	48	51	46	47	54	50	53	52	45	56	63	62	48	43	53	46	54	50	51.2
HEOO 3 E	MAX	95	87	86	85	79	82	84	79	72	72	74	71	70	70	77	76	78	79	84	74	73	76	82	74	77	80	72	69	70	65	68	76.8
	MIN	62	62	50	53	62	62	59	50	52	52	42	44	48	53	50	52	50	55	48	56	50	42	56	64	60	49	52	57	55	53	53	53.6
HORA 4 NNE	MAX	100	96	95	97	95	89	85	79	80	77	81	76	80	72	76	84	87	85	88	85	76	86	90	85	77	70	70	76	70	70	69	82.4
	MIN	61	63	59	56	61	47	58	44	52	50	48	57	53	47	43	51	43	50	44	46	38	54	59	56	54	42	38	50	52	51	40	50.6
HORT CAA	MAX	84	79	84	82	65	73	83	74	64	67	74	67	69	71	69	75	80	74	78	67	64	79	86	74	72	72	67	70	62	57	55	72.2
	MIN	56	60	50	59	59	59	59	50	48	49	50	50	47	48	53	47	44	55	50	49	50	46	59	60	55	51	45	50	48	51	52	51.9
HORT EXP FARM	MAX	87	84	83	82	65	74	82	73	69	68	75	71	70	72	69	76	79	75	78	67	66	78	86	82	71	72	68	70	62	59	56	73.2
	MIN	55	62	48	60	60	58	59	49	48	49	48	48	46	47	53	47	45	55	49	48	50	46	60	65	50	50	43	50	49	52	51	52.2
HORTH	MAX	88	82	84	82	64	75	78	72	65	69	73	69	71	74	72	76	80	77	78	67	64	79	85	79	72	69	69	68	63	57	58	72.9
	MIN	57	57	45	55	57	60	59	46	46	48	45	47	45	48	53	47	42	52	48	48	40	43	57	59	58	49	44	50	46	50	51	50.0
	MAX	93	84	87	89	85	93	86	79	80	71	75	64	63	70	73	80	79	76	80	75	71	79	91	79	73	81	73	71	64	68	60	77.2
	MIN	57	63	47	52	60	49	56	48	56	48	46	52	51	49	44	54		50	4	50	3	46	50	56	54	43	49	52	53	57	54	51.4
HORTH 4 SW	MAX	86	80	77	84	65	75	78	71	66	68	71	67	72	72	67	73	75	71	80	71	70	75	80	75	71	71	69	68	66	60	57	72.2
	MIN	59	57	46	55	59	57	56	51	48	48	43	41	46	50	54	52	47	54	45	44	42	46	50	60	58	49	42	50	44	50	46	50.3

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																													Averages
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON 1 SE	MAX	94	87	80	78	78	90	85	78	73	69	75	62	66	71	75	73	78	75	79	72	69	76	85	84	77	80	70	70	65	69	62	75
	MIN	61	63	49	57	63	61	64	54	51	55	39	48	49	49	55	45	45	52	47	53	47	42	59	65	65	50	51	53	51	60	52	53
NEW ENGLAND	MAX	96	87	90	92	82	92	86	79	81	72	75	68	68	70	74	82	83	78	81	72	74	79	91	83	74	83	74	75	64	69	63	78
	MIN	58	64	49	65	60	50	56	48	57	49	44	52	51	42	45	49	44	51	46	47	38	48	56	57	55	44	45	51	51	55	54	51
NEW SALEM 1 S	MAX	100	96	87	86	89	86	85	83	75	68	72	68	63	68	71	73	76	78	75	70	73	85	75	73	75	80	71	73	62	65	68	76
	MIN	70	65	60	59	55	56	58	56	55	51	47	41	45	46	45	44	49	51	47	45	47	49	49	51	51	47	45	48	49	51	50	51
OAKES	MAX	87	94	85	80	80	90	86	85	77	70	68	76	67	68	70	73	75	77	82	83	72	66	76	80	80	78	78	72	68	66	67	76
	MIN	61	64	51	54	64	64	62	55	53	56	40	47	53	53	56	50	44	55	50	56	50	44	51	65	65	50	56	56	54	54	52	54
PARK RIVER	MAX	93	87	78	84	78	72	78	79	70	66	70	72	76	76	69	69	75	76	80	75	75	77	80	78	78	79	72	72	78	67	62	75
	MIN	57	63	52	53	60	58	56	56	50	51	49	49	52	54	57	55	51	55	52	55	55	43	52	63	62	54	50	55	47	55	51	53
PARSHALL	MAX	98	87	87	84	69	81	86	77	73	72	80	72	66	74	72	78	83	80	81	69	68	82	91	86	75	75	70	72	66	60	60	76
	MIN	53	60	46	59	56	49	56	47	50	47	40	48	42	44	50	44	39	52	37	44	42	44	55	55	50	48	51	53	48	51	53	48
PEMBINA 2N	MAX	92	92	81	79	79	74	69	77	71	68	70	74	77	78	78	75	77	76	81	74	72	76	77	74	75	79	72	72	72	71	67	75
	MIN	56	58	46	55	51	49	49	52	37	49	43	47	44	53	53	54	45	54	50	47	54	45	46		55	54	50	51	45	55	50	49
PETERSBURG	MAX	91	82	78	83	77	76	78	71	68	67	73	71	70	74	71	78	76	78	81	78	71	75	78	76	77	77	74	70	64	64	59	74
	MIN	58	60	52	57	52	56	55	52	48	50	44	47	49	51	53	51	47	56	47	54	52	45	54	63	63	60	46	53	41	54	50	52
PETTIBONE	MAX	93	82	81	79	72	88	82	77	72	67	77	66		70	70	77	79	80	82	68	68	78	85	83	78	81	73	69	62	61	60	75
	MIN	62	63	56	57	63	62	60	52	50	50	42	49		45	56	44	48	55	51	53	50	45	60	65	63	51	56	51	49	55	50	53
PORTAL	MAX	91	90	85	88	80	72	81	76	71	58	69	71	73	68	70	72	77	80	73	74	65	66		87	69	70	64	66	64	61	55	72
	MIN	57	54	50	61	57	54	59	47	47	47	43	49	43	52	52	55	63	53	46	45	45	47		55	56	47	40	49	47	48	50	50
POWERS LAKE 1N	MAX	89	82	87	82	70	76	80	72	67	69	75	68	69	70	74	75	83	78	75	65	66	82	89	87	79	67	66	64	59	58	62	73
	MIN	54	58	50	60	55	52	50	48	51	48	39	48	46	47	43	48	42	54	43	44	43	47	57	56	53	46	38	46	47	49	51	48
RICHAROTON ABBEY	MAX	100	88	87	89	85	89	86	79	79	72	78	73	65	72	73	80	83	78	61	76	73	78	90	85	74	82	71	74	67	62	60	78
	MIN	62	63	52	64	60	55	61	51	54	50	47	52	50	49	50	50	48	54	[illegible]	48	44	47	56	57	54	46	45	49	48	54	52	52
RIVEROALE	MAX	97	80	82	73	69	87	84	76	75	68	75	66	65	72	69	75	78	76	79	70	62	79	88	78	72	75	68	72	62	59	58	73
	MIN	59	64	51	62	62	56	59	53	53	50	45	51	48	47	53	48	46	57	50	44	47	44	54	58	54	49	45	52	48	54	53	52
ROLLA	MAX	86	78	78	85	64	74	78	68	61	67	66			70	67	72	77	75	77	65	69	77	80	69	73	69	68	66	61	55	54	70
	MIN	57	60	47	54	56	57	57	51	47	46	47			49	52	50	44	53	44	44	44	44	55	58	57	47	40	49	45	49	47	50
RUGBY	MAX	85	80	85	85	68	79	84	76	70	67	76	76	73	70	70	76	7	81	84	75	69	77	82	81	75	74	69	70	67	62	57	74
	MIN	60	60	50	60	61	61	60	52	49	49	44	50	47	5	55	47	47	[illegible]	[illegible]	44	1	46	58	62	[illegible]	52	44	53	48	52	50	52
SANISH	MAX	101	97	87	91	78	78	83	86	78	75	73	82	68	7[illegible]	73	[illegible]	81	85	79	85	70	72	85	93	80	73	73	70	73	60	62	78
	MIN	52	54	50	52	59	51	51	45	51	46	36	41	45	4	44	41	[illegible]	4[illegible]	[illegible]	40	42	42	44	55	58	49	38	39	47	49	57	46
SHARON	MAX	95	84	80	83	72	80	76	73	74	64	75	71	75	7	71	[illegible]	[illegible]	61	64	71	64	71	79	72	77	77	74	70	65	61	58	[illegible]
	MIN	65	62	51	58	62	58	56	55	47	53	45	47	50	5	54	[illegible]	49	5[illegible]	[illegible]	53	[illegible]	[illegible]	55	64	63	52	46	55	46	55	52	53
STANLEY	MAX	92	86	87	85	77	77	61	73	72	70	77	76	68	71	77	76	81	53	60	73	61	81	88	80	71	67	71	68	58	58	61	75
	MIN	56	52	49	59	54	51	53	49	50	47	43	45	44	50	50	43	45	45	44	46	45	45	53	52	50	45	42	45	44	50	51	48
STEELE	MAX	91	81	79	77	72	85	83	74	70	68	75	62	67	72	68	74	77	76	79	73	68	77	85	84	75	80	73	69	66	67	63	74
	MIN	60	60	49	58	60	59	60	50	49	48	43	46	44	48	47	43	46	54	46	51	46	42	58	63	52	48	46	54	49	57	50	51
TOWNER	MAX	84	80	84	65	66	77	82	74	66	70	77	71	75	72	80	78	80	79	84	69	70	78	82	69	78	73	69	72	65	81	57	75
	MIN	58	59	47	47	59	59	57	54	48	53	42	48	44	48	54	43	42	46	47	46	47	44	58	58	59	44	40	54	47	50	50	50
TURTLE LAKE	MAX	95	84	82	81	71	66	84	76	75	66	76	73	68	73	69	76	77	77	81	78	66	78	87	80	73	78	70	81	69	60	59	73
	MIN	59	64	51	60	62	59	61	51	51	50	49	52	46	48	54	44	47	57	49	46	48	46	59	59	57	50	45	53	48	54	52	52
UNDERWOOD 12 W	MAX	98	91	86	86	74	91	88	78	80	71	81	75	68	74	72	80	80	84	82	70	70	82	89	87	77	77	70	73	66	61	61	78
	MIN	58	65	48	58	62	55	57	53	54	52	41	51	48	45	54	41	45	45	45	51	47	44	59	56	57	50	43	53	49	54	54	51
UPHAM 3N	MAX	89	81	84	86	65	73	83	78	69	72	76	74	76	74	74	78	81	78	80	66	69	78	83	82	76	75	71	70	63	61	57	74
	MIN	58	57	48	51	59	60	57	48	51	49	42	50	46	47	54	42	43	54	48	44	48	45	58	60	59	49	42	50	49	51	50	50
VALLEY CITY	MAX	96	94	84	86	81	86	84	79	75	74	78	77	75	73	74	77	79	82	84	72	68	79	81	79	81	83	75	73	68	65	62	79
	MIN	60	63	55	53	64	62	60	53	51	56	39	48	52	50	56	49	47	54	47	55	52	41	56	62	64	53	52	56	51	61	52	54
VAN HOOK	MAX	100	89	89	88	74	85	86	78	75	74	78	68	67	76		79	84	80	82	69	68	84	92	88	79	73	69	73	66	58	60	77
	MIN	57	65	52	63	60	50	57	51	54	50	45	51	46	47		46	42	55	41	45	45	48	59	59	56	48	39	51	49	51	54	51
VELVA	MAX	83	79	83	80	67	73	81	72	68	67	73	69	69	70	68	71	76	74	74	66	64	79	85	81	72	71	67	69	65	63	58	72
	MIN	58	62	50	61	63	61	57	52	48	50	49	49	48	47	54	43	45	56	56	49	50	45	60	61	59	53	46	55	49	53	52	52
WAHPETON STATE SCHOOL	MAX	92	91	85	85	76	76	80	60	74	74	75	74	70	70	72	75	77	76	81	80	70	76	79	78	72	79	75	73	67	75	72	76
	MIN	67	64	57	54	62	61	59	55	52	59	45	50	57	56	60	56	48	56	52	58	53	44	55	65	59	51	52	58	57	55	54	55
WASHBURN	MAX	94	89	83	79	74	89	66	84	75	70	76	68	65	72	72	75	80	79	81	79	68	79	89	81	77	80	75	72	69	62	60	76
	MIN	63	65	53	61	63	56	57	52	54	51	44	51	49	48	55	48	46	52	49	51	50	47	59	57	59	49	44	53	49	51	53	52
WATFORD CITY	MAX	97	84	92	84	61	82	84	78	76	72	87	71	69	73	75	81	83	78	85	68	74	85	90	76	71	70	69	75	64	63	65	77
	MIN	59	68	58	64	60	53	60	53	55	49	42	52	53	52	49	53	46	54	47	46	39	51	59	56	54	46	40	49	50	51	53	51
WESTHOPE	MAX	87	90	81	83	65	73	78	73	68	70	70	68	71	75	72	75	79	78	75	65	68	79	82	59	71	69	68	69	66	58	57	72
	MIN	60	54	50	57	58	59	49	57	49	46	51	47	60	50	53	44	46	47	46	47	49	46	58	59	55	49	43	52	47	51	52	51
WILLISTON WR CITY	MAX	92	83	92	78	83	82	82	76	72	72	80	64	71	71	73	77	83	79	80	69	72	83	87	75	70	68	65	72	60	63	63	75
	MIN	61	63	61	62	60	59	59	55	55	52	45	54	55	51	43	57	48	58	50	50	42	56	62	58	54	50	44	51	52	54	56	54
WILLOW CITY	MAX	86	84	81	87	66	76	80	72	63	70	76	70	74	72	67	77	79	78	78	69	71	78	82	75	74	71	70	69	63	56	57	73
	MIN	56	59	42	54	59	59	58	50	49	49	40	48	42	49	49	40	42	54	44	47	47	40	58	62	59	49	43	50	47	51	50	49
WILTON RR STATION	MAX	89	92	80	80	75	74	88	84	75	72	68	75	60	63	69	68	72	76	75	79	67	67	77	86	78	73	78	70	69	60	61	74
	MIN	59	62	52	56	60	57	59	52	52	49	44	48	45	48	53	47	49	54	48	48	47	45	51	58	57	47	45	49	48	47	50	51
WISHEK	MAX	84	93	82			81	93	87	78	76		75		69	80	72	75		80	74		71	78	85	85		81	72	71	65	70	78
	MIN	60	61	47	49			60	52	45	43	35			45	49	41	40		43		43	36	51	65	58		44	52	50	50	48	48

Table 6 for this issue may be found on Page 137.

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage**	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
...MS 7 S	0022	WALSH	10	48 20	98 06	-		6P	MYRON J. BATA	3
...KANDER	0096	MC KENZIE	13	47 50	103 38	2200		6P	ARTHUR J. BAUMAN	3
...ANT 7 SW	0136	MORTON	4	46 43	101 39	2300	7P	7P	HOGAN RAMSLAND	2 3 . 7
...BRUSE	0189	DIVIDE	12	48 58	103 28	2080		6P	JOSEPH S. SHERRICK	3
...NTA	0196	CASS	11	47 00	97 13	960	SS	SS	VIRGIL L. GEBEKE	2 3 5 7
...DON	0209	SLOPE	1	46 30	103 19	2910	8A	8A	TAFIELD ZUNDEL	2 3 4 5
...LER	0263	BOTTINEAU	12	48 58	101 20	1540		MID	W. M. WEGNER	3 4
...VILLA STATE PARK	0369	GRAND FORKS	10	47 56	97 30	960	6P	6P	ALBERT THOREN	2 3 . 5
...LEY	0382	MC INTOSH	8	46 02	99 22	2025	8A	8A	SOO LINE AGENT	2 3 4 5 7
...ONHILL DAM	0450	BARNES	11	47 02	98 05	1300	8A	8A	F. A. JOHNSON	2 3 5
...FOUR	0492	MC HENRY	12	47 57	100 32	1615		MID	RAYMOND E. MELLER	3 4
...TA	0500	PIERCE	11	48 10	100 02	-		6P	NICK SCHAAN	3
...TRY	0516	MC HENRY	12	48 30	100 36	-		6P	TEMPLE K. ROBERTS	3
...CH	0590	GOLDEN VALLEY	7	46 55	104 01	2814	6A	6A	HELEN TOBIAS	2 3 4 5 7
...COURT INDIAN RES.	0626	ROLETTE	9	48 50	99 45	1960	7P	7P	TURTLE MT. IND. AG.	2 3 4 5
...FIELD	0639	STARK	4	46 52	103 11	2592	7P	7P	CARL INDERGAARD	2 3 5
...THOLD	0729	WARD	12	48 19	101 44	2080		6P	JOSEPH S. COX	3
...LAH	0766	MERCER	6	47 16	101 47	1780		7P	KNIFE RIV. COAL CO.	3 4
...BEE	0796	TOWNER	2	48 37	99 22	1600	6P	6P	ROBERT J. KRICK	2 3 5
...MARCK WB CITY	0814	BURLEIGH	8	46 48	100 48	1670	9A	9A	U.S. WEATHER BUREAU	2 3 5
...MARCK WB AIRPORT	0819	BURLEIGH	8	46 46	100 45	1650	MID	MID	U.S. WEATHER BUREAU	2 3 4 5 7
...TINEAU	0941	BOTTINEAU	12	48 50	100 27	1638	8A	8A	N. D. SCH OF FRSTRY	2 3 5
...BELLS	0961	BURKE	12	48 48	102 15	1953	8A	8A	FELIX L. ADAMS	2 3 5 7
...BELLS 5 E	0966	WARD	12	48 47	102 08	1925	8A	8A	DEVELOPMENT FARM	2 3 5 6 7
...MAN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2872	5P	5P	O. B. HOOK	2 3 4 5
...MAN 11 SE	0998	BOWMAN	3	46 04	103 19	-		6P	BERNARD L. DOMAGALA	3
...MAN 33 NNW	1001	SLOPE	8	46 35	103 31	-		5P	ROBERT L. HANSON	3
...TEN	1052	MORTON	1	46 24	100 57	1720		MID	FRANK E. POTTEP	3 4
...NAHAN	1124	STUTSMAN	5	47 34	98 49	-		MID	W. H. HENDRICKSON	3 4
...I 16 N	1216	HETTINGER	1	46 36	102 08			6P	JACOB GRNEBELE	3
...TE	1225	MC LEAN	12	47 50	100 40	1880	5P	5P	FRED J. KLOKONOS	2 3 5
...DO	1288	TOWNER	2	48 29	99 12			MID	MARRY E. HARRIS	3 4
...RINGTON	1360	FOSTER	5	47 27	99 08	1579	7A	7A	SOO LINE AGENT	2 3 . 5
...SON	1365	GRANT	4	46 25	101 34	2300		MID	VINCENT MUGGLI	3 4
...SON 2 SW	1370	GRANT	4	46 23	101 35	2500	7P	7P	J. W. EVENS	2 3 5 7
...ALIER	1435	PEMBINA	9	48 48	97 37	894	6P	6P	JOHN H. ERICKSON	2 3 5
...TER	1456	OLIVER	8	47 07	101 18	2100	7P	7P	FRED L. HEINZ	2 3 5 7
...LATE	1686	STEELE	10	47 14	97 39	1180		6P	JOHN P. BURCHILL	3
...MBUS	1696	BURKE	12	48 54	102 47	1930		6P	J. D. SUNDELL	3
...PERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	5P	5P	R. J. LOCKNER	2 3 5
...TENAY	1816	STUTSMAN	5	47 13	98 34	1523		5P	G. H. HANAWALT	3
...BY	1871	OIVIDE	12	48 50	103 18	1954	6P	6P	VERNON V. NICHOLS	2 3 4 5 7
...ON	2018	KIDDER	8	46 52	99 45	1730		MID	RALPH W. WISE	3 4
...LS LAKE WB CITY	2158	RAMSEY	2	48 07	98 52	1471	MID	MID	U.S. WEATHER BUREAU	2 3 4 5 6 7
...NSON CAA AP	2183	STARK	4	46 48	102 48	2587	MID	MID	U.S. CIVIL AERO ADM	2 3 4 5 7
...INSON EXP. STATION	2188	STARK	4	46 53	102 48	2460	7A	7A	LEROY MOOMAW	2 3 5 6
...YBROOK	2242	WARD	12	48 31	101 53	1760		6P	FRED E. FELDNER	3
...E	2298	MC HENRY	12	47 55	100 22	1634	8A	8A	PAUL KUNTZ	2 3 5
...CENTER	2365	DUNN	6	47 22	102 37	2191	6A	6A	CHARLES C. NEUSTEL	2 3 5 7
...EITH ST. SANITARIUM	2385	ROLETTE	12	48 50	100 02	2001	5P	5P	N.D. STATE HOSPITAL	2 3 5
...AN	2472	BOTTINEAU	12	48 39	101 03	1500	7A	7A	SOO LINE AGENT	2 3 5
...LEY EXP. FARM	2482	LA MOURE	5	46 20	98 42	1568	8A	8A	N.D. AGRI. EXP. STA	2 3 4 5 6 7
...RE 1 W	2525	RAMSEY	2	48 25	98 29	1524	8P	8P	MIKE DAVIS	2 3 5
...WOODS	2570	MC LEAN	8	47 35	102 09	2082	6P	6P	H. W. CASE	2 3 5
...N 5 S	2592	GRANT	1	46 21	101 49	-		6P	ART A. ESLINGER	3
...NDALE	2605	DICKEY	5	46 00	98 31	1460	8P	8P	PAUL GRESS	2 3 5 7
...NG	2735	WILLIAMS	8	48 18	103 21	2224	6P	6P	T. BEACHLER	2 3 5
...ND	2767	BENSON	11	48 02	99 46	1650		MID	LYLE O. FERING	3 4
...FIELD 8 N	2809	BILLINGS	7	47 19	103 12	2650		6P	MRS. EDITH LARSON	3
...O WB AIRPORT	2859	CASS	10	46 54	96 48	895	MID	MID	U.S. WEATHER BUREAU	2 3 4 5 7
...ENDEN	2949	WELLS	5	47 39	99 37	1610	6P	6P	JOHN V. ZUBER	2 3 5 7
...HER	3009	MORTON	1	46 27	101 14	1930		8A	GEORGE M. SINCLAIR	3
...TON	3019	BURKE	12	48 54	102 23	1940		6P	PALMER M. DUNHAM	3
...TON 13 NW	3064	DICKEY	5	46 04	98 56	-		6P	THEODORE A. WIRCH	3
...AN	3117	SARGENT	10	46 06	97 38	1249	6P	6P	ART WATERMAN	2 3 5 7
...YATES	3207	SIOUX	8	46 06	100 38	1640	SS	SS	STAND RK INDIAN AGY	2 3 4 5 7
...OLM WILDLIFE REFUGE	3217	WARD	12	48 27	101 33	1609	5P	5P	U.S. WILDLIFE REFUGE	2 3 5
...URG	3277	BILLINGS	4	46 53	103 18	2790		7A	HERMAN L. MAY	3 4
...ERTON	3287	OICKEY	5	46 10	98 25	1439	6P	6P	F. O. ALIN	2 3 5
...LE	3309	LOGAN	5	46 38	99 08	1951	6P	6P	ALVIL HUMMEL	2 3 5
...ISON	3376	MC LEAN	8	47 38	101 25	1911	MID	MID	ALBERT J. BEIRELE	2 3 4 5
...STONE 22 N	3446	DUNN	6	47 11	102 39	-		MID	RICMARD BAILEY	3 4
...ULLIN	3496	MORTON	4	46 49	101 49	2090		MID	FREDERICK J. ANHORN	3 4
...ULLIN 13 N	3501	MERCER	6	47 00	101 47	-		6P	CHRIST SCHILLING	3
...EN VALLEY 10 S	3529	MERCER	6	47 10	102 03	-		6P	ROBERT H. BACKFISCH	3
...A 1 SE	3556	GOLDENVALLEY	7	46 47	103 57	2780		MID	U.S. CIVIL AERO ADM	3 4
...E CITY	3583	FOSTER	5	47 33	98 48	-		MID	IDA BONDERUD	3 4
...TON STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 4 5 7
...D FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	834	MID	MID	U.S. CIVIL AEPO ADM	2 3 4 5 7
...D FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	MID	7P	UNIVERSITY OF N. D.	2 3 5
...D RAPIDS 1 N	3665	LA MOURE	5	46 29	98 21	1360	6P	6P	ALBERT J. NESS	2 3 5
...D	3676	RENVILLE	12	48 37	101 35	1625		MID	OSWALD H. BJORNLIE	3 4
...VILLE	3686	MC HENRY	12	48 16	100 51	1504	7P	7P	FRED. ROBLE	2 3 5
...SY BUTTE	3696	MC KENZIE	7	47 26	103 14	2660		MID	SAM CMARCHENKO	3 4
...SY BUTTE 10 N	3701	MC KENZIE	7	47 31	103 14	-		6P	EDSEL G. CRIST	3
...ORA	3736	WILLIAMS	8	48 37	103 46	2114	5P	5P	L. D. NIELSON	2 3 5
...Y	3836	BOWMAN	3	46 56	103 08	-		MID	J. E. CPAWFORD	3 4
...DAY	3846	DUNN	6	47 21	102 20	2073		6P	JOHN KISSE	3 4
...NSON RR STATION	3908	RICHLAND	10	46 04	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
...FORD	3926	GRIGGS	11	47 18	98 12	1428		MID	HELEN BENSON	3 4
...AM	3936	CAVALIER	9	48 59	98 41	1570	6P	6P	U.S. CUSTOMS OFFICE	2 3 5
...ORO	3963	TOWNER	9	48 57	99 23	1597	7P	7P	W. E. DISHER	2 3 5
...Y 3 NE	4013	WELLS	11	47 45	99 53	1596		6P	M. J. REYNOLDS	3
...S 6 NE	4073	ADAMS	1	46 01	102 24	2640		MID	BYRON B. BOBB	3 4
...TON RR STATION	4083	EMMONS	8	46 29	100 17	1978		MID	EPHRAIN ZACHER	3 4
...NGER	4178	ADAMS	3	46 00	102 38	2680	6P	6P	FRED O. FORTHUN	2 3 5 7
...NGER 17 N	4186	ADAMS	1	46 15	102 39	-		6P	O. J. GERBRACHT	3 4
...BORO	4203	TRAILL	10	47 24	97 04	901	6P	6P	ALFRED JAHNKE	2 3 5
...FIELD	4343	WELLS	5	47 27	99 55	1915		MID	MRS. RUTH BUCHWITZ	3 4
...TOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1497	MID	MID	U.S. CIVIL AERO ADM	2 3 4 5 7
...TOWN STATE HOSPITAL	4418	STUTSMAN	5	46 53	98 40	1457	7P	7P	N.D. STATE HOSPITAL	2 3 5
...RE	4571	MC KENZIE	8	48 00	102 55	-		6P	DONALD M. LUND	3
...L WILDLIFE REFUGE	4646	WARD	12	48 40	102 05	1800	8A	8A	THEO E. ECKBERG	2 3 4 5
...EER 8 NW	4656	STUTSMAN	5	47 15	98 52	1440	7P	7P	U.S. WILDLIFE REFUGE	2 3 5
	4726	DUNN	7	47 26	102 53	2240		6P	LEONARD J. DAVIS	3
...R 5 SE	4823	BOTTINEAU	12	48 39	100 37	-		MID	PAUL A. KRETSCHMAR	3 4
	4843	LA MOURE	5	46 18	98 57	1970		6P	JOHN STROEHL	3
...ON EXP. FARM	4958	CAVALIER	9	48 45	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5 7
...ORD	5002	BOTTINEAU	12	48 38	101 22	1600		6P	LOUIS SCHAEFER	3
...ORE	5013	GRAND FORKS	10	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
...10 E	5078	BENSON	2	48 17	99 26	1515	7P	7P	JOHN FAGER	2 3 5
...N	5086	STARK	4	46 38	102 21	2580		5P	JOSEPH LINK	3
...N	5210	EMMONS	8	46 16	100 14	1711	8P	8P	WILLIAM HEYERMAN	2 3 5 7
	5220	RANSOM	11	46 26	97 41	1091	7A	7A	ROBERT M. JODSAAS	2 3 5 7
...VILLE	5230	BARNES	11	46 39	98 11	-		6P	WILLIAM H. RUGH	3
...OD 12 N	5320	BURKE	12	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
...CK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	6P	6P	BENSON CY AGR SCHL	2 3 5
...N EXP. STATION	5479	MORTON	4	46 48	100 54	1750	8A	8A	NO. G.P. FIELD STA.	2 3 4 5 6
...N FT. LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
...RTH	5573	SLOPE	7	46 18	103 55	2714	6P	6P	S. P. GRANE	2 3 5 7
...RTH M D U CO.	5575	SLOPE	7	46 18	103 55	2710		MID	E. B. JESTNES	3 4
...N	5610	SHERIDAN	11	47 50	100 07	1610		6P	JOHN W. MAGNUSON	3
...LE	5638	MC LEAN	8	47 49	101 17	2093	7A	6P	SOO LINE AGENT	2 3 5
...SKY	5660	TRAILL	10	47 30	97 19	975	6P	6P	H. A. RAGAZ	2 3 5 7
	5710	SHERIDAN	8	47 29	100 29	1943	6P	6P	ELMER L. SCHIELKE	2 3 5 7
...GOR RR STATION	5720	WILLIAMS	8	48 36	102 56	-		MID	HARTVIN HERMANSON	3 4
...RY 5 N	5730	EDDY	11	47 38	98 35	1509	7P	7P	C. E. BLASKY	2 3 5 7
...D 3 E	5754	RICHLAND	11	46 24	97 14	1075	7P	7P	J. G. CARLSON	2 3 5
...LE	5764	NELSON	10	47 46	98 11	1467		6P	H. M. KNIEFEL	3
...1 W	5798	STUTSMAN	8	46 53	99 19	-		6P	RUDOLPH GRAF	3

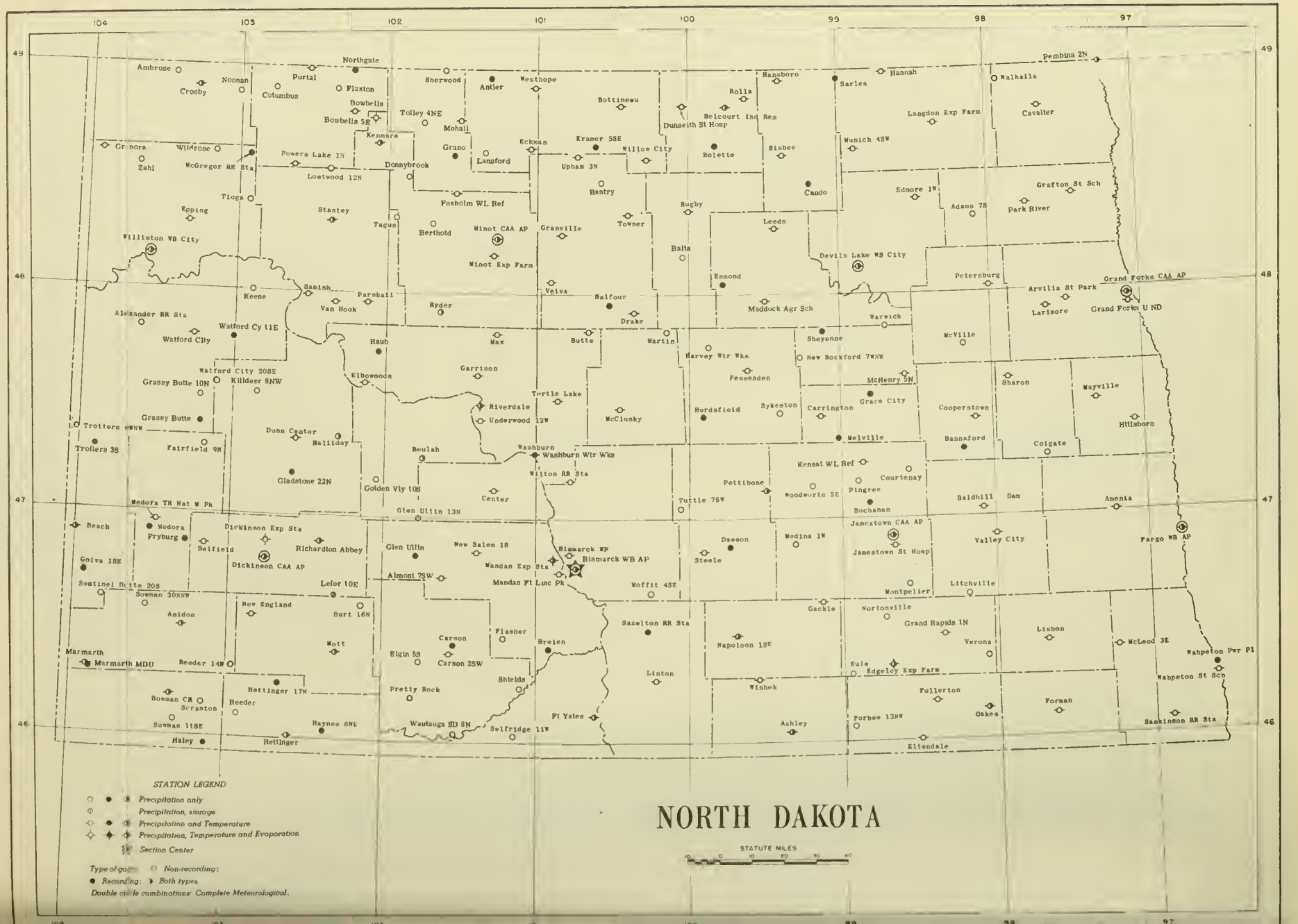
Station	Index No.	County	Drainage**	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
MEDORA	5813	BILLINGS	7	46 55	103 31	2277		MID	JAY A. [illegible]	3 4
MEDORA 4 NNE	5813	BILLINGS	7	46 58	103 30	2254		5P	J. [illegible]	3 4
MELVILLE	5833	FOSTER	5	47 00	99 12	1620		MID	[illegible]	3 4
MINOT CAA AP	5988	WARD	12	48 15	101 17	1724	MID	MID	[illegible]	3 4
MINOT EXP. FARM	5993	WARD	12	48 10	101 18	1672	6P	6P	[illegible]	3 4
MOFFIT 4 SE	6015	BURLEIGH	8	46 40	100 14	1760		5P	[illegible]	3
MOHALL	6025	RENVILLE		48 46	101 31	1639	9P	9P	IVER JOHNSON	3
MONTPELIER	6105	STUTSMAN	5	46 47	98 35	-		8A	ROLF [illegible]	3
MOTT	6125	HETTINGER	1	46 23	102 20	2420		6P	[illegible]	3
MUNICH 4 SW	6195	CAVALIER	2	48 38	98 53	1598	7P	7P	HAROLD FELDNER	2 3 5
NAPOLEON 1 SE	6255	LOGAN	8	46 29	99 46	1951	7P	7P	[illegible]	3
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2621	6P	6P	[illegible]	3
NEW ROCKFORD 7 WNW	6355	EDDY	6	47 43	99 16	1550		6P	[illegible]	3
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2103	6P	6P	[illegible]	3
NOONAN	6455	DIVIDE	12	48 53	103 01	1961		6P	[illegible]	3
NORTHGATE	6535	BURKE	12	49 01	102 16	1850		MI	[illegible]	3
NORTONVILLE	6565	LA MOURE	5	46 33	98 44			6P	HENRY [illegible]	3
OAKES	6620	DICKEY	5	46 08	98 05	1321	8A	8A	[illegible]	3
PARK RIVER	6857	WALSH	10	48 23	97 45	906	5P	5P	[illegible]	3
PARSMALL	6867	MOUNTRAIL	8	47 57	102 28	1929	6P	6P	[illegible]	3
PEMBINA 2 N	6947	PEMBINA	10	49 0	97 14	790	4P	4P	U. S. CUSTOMS [illegible]	3
PETERSBURG	7027	NELSON	10	48 01	98 00	1524	5P	5P	[illegible]	3
PETTIBONE	7047	KIDDER	8	47 07	99 31	1861	7P	7P	L. H. DETTMER	3
PINGREE	7117	STUTSMAN	5	47 10	98 54	572		6P	JERRY W. [illegible]	3
PORTAL	7201	BURKE	2	49 00	102 33	1954	9A	9A	U. S. CUSTOMS [illegible]	3
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	7P	7P	HERBERT J. [illegible]	3
PRETTY ROCK	7311	GRANT	1	46 11	101 51	-		6P	FRED A. LEIK	3
RAUB	7405	MC LEAN	8	47 44	102 04	-		MID	ALVIN LARSON	3
REEDER	7450	ADAMS	3	46 06	102 57	2810		6P	HENRY A. [illegible]	3
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2860		8A	CHR. M. METZ [illegible]	3
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2467	5P	5P	ASSUMPTION ABBEY	3
RIVERDALE	7585	MC LEAN	8	47 30	101 21	1910	5P	5P	C.B.P.P. OF ENGINEER	3
ROLETTE	7655	ROLETTE	12	48 40	99 50	1625	MID	MID	GEORGE F. GEHRES	3
ROLLA	7664	ROLETTE	9	48 52	99 37	1860	7P	7P	THE E. FAGERLIN	3
RUGBY	7704	PIERCE	12	48 22	100 00	1556	6P	6P	FRANK HOFFSTEIN	3
RYDER	7749	WARD	8	47 55	101 40	2108		6P	S. C. [illegible]	3
SANISH	7834	MOUNTRAIL	8	47 59	102 32	1835	7A	7A	H. J. BAUER	3
SARLES	7844	CAVALIER	9	48 57	99 00	1585		MID	CLARENCE L. OLSON	3
SCRANTON	7932	BOWMAN	3	46 09	103 09	-		6P	HENRY M. UEHREN	3
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	2183		7P	L. E. WILSON	3
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	-		7P	[illegible] V. BURY	3
SHARON	7986	STEELE	10	47 36	97 54	1516	8P	8P	HUGH LYON	3
SHERWOOD	8047	RENVILL	12	48 00	101 38	1647		6P	U S CUSTOMS SERVIC	3
SHEYENNE	8057	EDDY	11	47 50	99 07	1510		MID	PEHR A. PETERSON	3
SHIELD	8065	GRANT	1	46 14	101 07	-		6P	EDWIN O. CARLSON	3
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	7P	7P	LEROY EDWARD	2 3 4 5
STEELE	8366	KIDDER	8	46 51	99 55	1857	8P	8P	LEON V. LEHER	3
SYKESTON	8608	WELLS	5	47 28	99 29	1653		6P	WILLIAM R. EVANS	3
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		6P	GEORGE N. PELVARD	3
TIOGA	8737	WILLIAMS	8	48 24	102 56	2279		6P	L. A. SIMON	3
TOLLEY 4 NE	8764	RENVILLE	12	48 46	101 47	-		6P	CARMIE NELSON	3
TOWNER	8792	MC HENRY	12	48 21	100 24	1482	7P	7P	AUGUST B. RIEDER	3
TROTTERS 6 WNW	8807	MC KENZIE	13	47 21	104 01	2420		5P	WALTER GRUNEWALD	3
TROTTERS 3 S	8812	GOLDENVALLEY	13	47 17	1 3 54	2420		MID	JOHN O. NELLERMOE	3 4
TURTLE LAKE	8840	MC LEAN	8	47 31	100 53	1899	5P	5P	ART KLUNGTVEDT	2 3 5
TUTTLE 8 SW	8850	KIDDER	8	47 02	100 04	1936		8P	ADAM LENO	3
UNDERWOOD 12 W	8877	MC LEAN	8	47 26	101 24	1750	6P	6P	MRS. F. W. MATTSON	2 3 5
UPHAM 3 N	8913	MC HENRY	12	48 37	100 44	1425	5P	5P	U S WILDLIFE REFUGE	2 3 5
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	6P	6P	MISS I.C.ROBERTSON	2 3 5
VAN HOOK	8970	MOUNTRAIL	8	47 57	102 21	1864	9P	9P	ERWIN A. VENTSCH	2 3 5
VELVA	8990	MC HENRY	12	48 03	100 55	1511	6P	6P	OSCAR ANDERSON	2 3 5
VERONA	9035	LA MOURE	5	46 22	98 04	-		10A	LOUIS J. FRANDSON	3
WAHPETON POWER PLANT	9095	RICHLAND	10	46 17	96 36	962		MID	VICTOR BURTON	3 4
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	5P	5P	ST SCH OF SCIENCE	2 3 5
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		6P	FELIX A. GASTONQUAY	3
WARWICK	9185	BENSON	11	47 51	98 42	-		6P	H. S. STINSON	3
WASHBURN	9195	MC LEAN	8	47 17	101 02	1731	6P	6P	FRED KRAUSE	2 3 5
WASHBURN WATER WORKS	9205	MC LEAN	8	47 17	101 02	1730		MID	WASHBURN WATER WKS	3 4
WATAUGA 8 N S. DAK.	9219	GRANT	1	46 02	101 34	-		6P	JOHN C. SPICER	3
WATFORD CITY	9233	MC KENZIE	8	47 48	103 17	2084	8P	8P	J. C. ZELLER	2 3 5 7
WATFORD CITY 11 E	9238	MC KENZIE	8	47 47	103 02	-		MID	IDA PETERSON	3 4
WATFORD CITY 2D SE	9246	MC KENZIE	8	47 35	103 07	-		6P	MRS. AGNES MURRAY	3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 01	1508	6P	6P	REV. R. CAREY	2 3 5
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		6P	JONATHAN WINKJER	3
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 35	1877	MID	MID	U S WEATHER BUREAU	2 3 4 5
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1471	8P	6P	O. M. SANDERSON	2 3 5
WILTON RR STATION	9455	MC LEAN	8	47 09	100 48	2159	8A	8A	SOO LINE AGENT	2 3 5
WISHEK	9515	MC INTOSH	8	46 16	99 34	2010	8A	8A	H. M. LARSON	2 3 5
WOODWORTH 5 E	9575	STUTSMAN	5	47 09	99 12	-		6P	JOHN ROHRER	3
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		6P	OLA SEVERTSEN	3

NEW STATIONS

MEDORA 11 N	5818	BILLINGS	7	47 04	103 32	-		6P	G. E. MESCHKE	3

AGE CODE: 1. CANNONBALL 2. DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED 11. SHEYENNE 12. SOURIS 13. YELLOWSTONE

Reference Notes for this issue may be found on Page 129.


104
103
102
101
100
99
98
97
49
48
47
46
Ambrose
Crosby
Noonan
Columbus
Portal
Northgate
Flaxton
Sherwood
Antler
Westhope
Bowbells
Bowbells 5E
Tolley 4NE
Mohall
Kenmare
Grenora
Wildrose
Zahl
McGregor RR Sta
Powers Lake 1N
Loetwood 12N
Donnybrook
Grano
Langford
Eckman
Kramer 5SE
Willow City
Upham 3N
Bottineau
Rolla
Dunseith St Hosp
Belcourt Ind Res
Hansboro
Sarles
Hannah
Pembina 2N
Walhalla
Langdon Exp Farm
Cavalier
Rolette
Sisbee
Munich 4SW
Bantry
Cando
Edmore 1W
Grafton St Sch
Adams 7S
Park River
Tioga
Foxholm WL Ref
Rugby
Epping
Stanley
Tague
Berthold
Minot CAA AP
Granville
Towner
Leeds
Balta
Devils Lake WS City
Williston WB City
Minot Exp Farm
Esmond
Petersburg
Grand Forks CAA AP
Arvilla St Park
Larimore
Grand Forks U ND
Keene
Sanish
Parshall
Van Hook
Ryder
Veiva
Balfour
Drake
Maddock Agr Sch
Warwick
McVille
Alexander RR Sta
Watford City
Watford Cy t1E
Raub
Max
Butte
Martin
Sheyenne
Harvey Wtr Wks
New Rockford 7WNW
Watford City 20SE
Killdeer 8NW
Grassy Butte 10N
Elbowoods
Garrison
Turtle Lake
Riverdale
Underwood 12W
McClusky
Feseenden
McHenry 3N
Sharon
Mayville
Hurdsfield
Sykeston
Carrington
Grace City
Cooperstown
Hillsboro
Grassy Butte
Trotters 6WNW
Trotters 3S
Fairfield 9N
Dunn Center
Halliday
Beulah
Washburn
Washburn Wtr Wks
Melville
Bannaford
Coigate
Gladstone 22N
Golden Vly t0S
Wilton RR Sta
Kensal WL Ref
Courtenay
Pettibone
Pingree
Woodworth 5E
Buchanan
Tuttle 7SW
Center
Medora TR Nat M Pk
Glen Ullin 13N
Baldhill Dam
Amenia
Beach
Medora
Fryburg
Dickinson Exp Sta
Belfield
Richardton Abbey
Dickinson CAA AP
Glen Ullin
New Salem 1S
Bismarck WP
Bismarck WB AP
Mandan Exp Sta
Mandan Ft Lmc Pk
Daweon
Steele
Medina 1W
Jamestown CAA AP
Jamestown St Hosp
Valley City
Fargo WB AP
Goiva 1SE
Sentinel Butte 2QS
Sowman 30NNW
Almont 7SW
Lefor t0E
Moffit 4SE
Montpelier
Litchville
Amidon
New England
Burt 16N
Gackle
Nortonville
Grand Rapids 1N
Lisbon
Sazelton RR Sta
Napoloon 1SE
Verona
McLeod 3E
Marmarth
Marmarth MDU
Reeder 14N
Mott
Elgin 5S
Carson
Carson 2SW
Flasher
Breien
Wahpeton Pwr Pl
Wahpeton St Sch
Hettinger 17N
Bowman CR
Scranton
Reeder
Pretty Rock
Shields
Linton
Kulo
Edgeley Exp Farm
Wishek
Fullerton
Forman
Oakes
Sowman 18SE
Haley
Hettinger
Haynes 6NE
Wautauga SD 8N
Swifridge 11W
Ft Yates
Ashley
Forbee 13NW
Sankinson RR Sta
Eltendale
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Section Center
Type of gage: Non-recording:
Recording: Both types
Double circle combinations: Complete Meteorological.
NORTH DAKOTA
STATUTE MILES
10 0 10 20 30 40

Nat. Hist

U. S. DEPARTMENT OF COMMERCE
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CLIMATOLOGICAL DATA

NORTH DAKOTA

SEPTEMBER 1951
Volume LX No. 9

NOTE: Beginning with the October 1951 issue of Climatological Data, Table 4, Hourly Precipitation, will be discontinued due to curtailment of the funds necessary for processing and publication of these data.

KANSAS CITY: 1951

NORTH DAKOTA - SEPTEMBER 1951

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

Unfavorable harvest weather continued throughout September and as a result threshing was far behind schedule at the end of the month. Although rainfall was not as heavy as in August it averaged above normal in the central and western sections. It was the coldest September since 1934. Farmers in many areas of the state generally report this to be one of the most backward harvest seasons ever experienced. Crop losses have been quite severe due to the continual wet weather especially in the north-central portion of the state.

The average temperature for the state was 52.7 degrees which is 4.4 degrees below normal. The eastern division averaged 53.5 degrees which is 4.0 degrees below normal; the middle division averaged 52.8 degrees which is 4.2 degrees below normal; and the western division reported 51.8 degrees which is 5.0 degrees below normal. Every station in the state reported below-normal temperatures. The average temperature ranged from 56.5 degrees at Wahpeton to 48.8 degrees at Belcourt. The warmest period of the month was around the 18th and again at the close of the month. Most stations had the highest temperature on the 18th but a few reported their highest temperatures on the 19th and the 30th. The highest temperature recorded in the state was 85 degrees at several stations on the 18th. The lowest temperature was 17 degrees reported at Center, Fort Yates, Napoleon and Mott on the 28th. Killing frost occurred about the 23rd also at a majority of stations.

Precipitation over the state averaged 1.71 inches which is 0.18 inch above normal. The eastern division averaged 1.34 inches which is 0.47 inch below normal; the middle division averaged 1.63 inches which is 0.20 inch above normal; and the western division averaged 2.19 inches which is 0.93 inch above normal. The greatest monthly total precipitation was 5.72 inches reported at Reeder and the least monthly total was 0.19 inch reported at Kulm. All of the eastern division averaged below normal and a few counties in the south-central, north-central and west-central portions of the state were also deficient in rainfall. Snow fell in parts of the northwest and north-central portions of the state on the 24th and 25th. Westhope and Belcourt reported the greatest amount with 4.5 inches. For the state as a whole there were 11 days on which 0.01 inch or more precipitation was reported. Precipitation fell on 20 days at Sanish and a number of stations reported measurable precipitation on 15 or more days. Taking August and September together there were 23 days with 0.01 inch or more precipitation which is more than ever before recorded since statewide records were established in 1892. This compares with 21 days in 1941 and 20 days in 1912 which were the two highest previous totals for the 2-month period. Thus the records tend to confirm the statement made by many farmers that this is perhaps the most unfavorable harvest season ever experienced.

These long periods of continued wet weather made it extremely difficult to carry on harvest and threshing operations. By the end of the month harvesting was essentially completed in most of the Red River Valley, south-central and southwest sections of the state. Some flax still remained in these areas. In contrast some north-central counties had only about 50 per cent of their wheat done and the flax harvest was just getting started. Crop yields varied considerably throughout the state. Considerable damage occurred to the crop particularly in the northern sections of the state due to wet weather. Earlier crops in many cases suffered most because they often laid longer in the swath while the later crops could be threshed more easily when a few days of favorable weather did occur. Potato digging and beet lifting were getting well underway. In the main corn areas from 40 to 50 per cent of the acreage was mature at the time of the killing frost on the 23rd. Pastures were in fine shape throughout the month and afforded ample feed for livestock. A considerable amount of fall plowing was done. Soil moisture is plentiful throughout the state.

There were no severe storms reported during the month, although scattered hailstorms occurred with generally only minor damage resulting.--CJS

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages --mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
smarck WB Airport	WNW	20	9.9	38	NW	13	86	89	60	63	10	9	2	0	0	0	21	46	8.9
vils Lake WB City	-	-	8.1	34	W	26	-	-	-	-	6	7	5	1	0	0	19	44	6.9
rgo WB Airport	WNW	21	11.7	45	NW	26	85	88	58	63	8	6	2	0	0	0	16	39	7.3
lliston WB City	-	-	7.8	33	W	26	86	91	65	61	12	2	3	1	1	0	19	47	7.4

COMPARATIVE DATA

	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
	59.2	101	24	0.84	0	4
	57.1	102	8	0.81	0.1	4
	58.2	104	18	1.38	0	5
	56.6	100	12	0.77	0	4
	53.0	98	11	1.61	0	6
	64.1	109	18	0.28	0	2
	56.8	98	10	1.25	0	4
	55.0	101	11	0.58	T	3
	54.6	98	17	4.95	T	8
	53.6	100	12	2.01	T	7
	53.6	95	15	0.74	0	4
	51.6	90	18	2.99	0.7	7
	54.7	96	18	1.43	0	5
	59.8	104	23	1.67	0	5
	62.8	109	20	1.11	0	4
	52.1	96	9	1.39	T	6
	60.7	104	16	1.24	0.2	4
	59.0	93	24	0.95	0	4
	55.3	99	18	1.79	0.1	4
	54.9	95	21	2.37	T	8
	51.5	101	18	2.62	0	10
	57.2	108	8	1.74	0.4	6

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1914	59.3	98	25	1.03	0	5
1915	54.6	104	23	2.32	0	9
1916	55.1	99	15	1.43	T	6
1917	56.4	97	16	1.04	0	5
1918	51.9	93	11	0.40	T	3
1919	58.6	100	20	0.94	0.3	5
1920	59.0	99	19	2.21	T	8
1921	57.0	101	25	3.21	T	12
1922	59.8	104	23	2.10	0	6
1923	60.1	99	15	2.51	0	6
1924	55.0	98	20	2.09	T	7
1925	58.1	103	20	2.67	T	8
1926	52.3	95	9	2.30	0.5	9
1927	56.8	101	10	1.00	T	3
1928	53.9	95	12	1.00	T	5
1929	52.7	105	12	1.65	0	5
1930	56.2	98	10	1.02	0	4
1931	61.4	107	27	2.14	T	6
1932	56.8	102	22	0.63	0	3
1933	60.9	101	22	0.81	0	4
1934	52.4	95	9	0.96	2.0	7
1935	57.2	105	16	0.43	0	3

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1936	60.3	102	12	1.15	T	5
1937	58.6	104	20	1.47	0.1	6
1938	61.9	99	21	0.63	0	4
1939	58.9	98	11	0.68	0.2	5
1940	62.8	103	20	1.06	0	4
1941	55.3	94	17	4.61	0.2	11
1942	54.0	99	4	1.67	2.7	9
1943	55.6	94	19	0.51	0	4
1944	56.4	91	21	1.46	T	8
1945	54.5	103	14	2.14	0.1	9
1946	56.3	97	18	2.52	T	8
1947	55.5	101	13	1.45	T	7
1948	63.7	105	24	0.31	0	2
1949	55.6	94	13	0.56	T	4
1950	57.9	100	23	2.42	0.2	8
1951	52.7	85	17	1.71	0.3	11
Period	56.8			1.55	0.1	

for the period beginning with 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for er years.

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Table 2

Station	Temperature									Precipitation									
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
EASTERN DIVISION																			
AMENIA	55.6	- 2.3	85	18	25	24	276	0	2	.70	-1.20	.33	4	.0	0		6	0	0
ARVILLA 5TATE PARK			83	17	24	24		0	5	2.33		.72	4	T	0		12	1	0
CARRINGTON	51.9	- 5.0	82	19	25	24+		0	7	1.07	- .35	.47	5	T	0		13	0	0
CAVALIER	52.9	- 2.7	81	18	19	25	355	0	4	2.02	- .30	.40	26	.0	0		12	0	0
COOPER5TOWN	53.1	- 4.6	81	18	24	24	350	0	3	1.32	- .44	.84	4	T	0		7	1	0
OEVILS LAKE WB CITY	52.5	- 3.4	80	18+	25	24	371	0	3	1.54	- .09	.50	4	T	T	24+	13	1	0
EDGELEY EXP FARM	52.5	- 5.8	82	19	22	28		0	5	1.65	- .01	.95	5	.0	0		8	1	0
EDMORE 1 W	50.3	- 6.1	80	18	20	24	435	0	7	1.62	- .23	.35	25	T	0		10	0	0
ELLENDALE	55.3	- 3.5	84	18	24	28	284	0	3	1.66	- .02	.70	4	.0	0		10	1	0
FARGO WB AIRPORT //	54.6	- 3.6	85	18	25	24	306	0	4	.79	-1.43	.37	26	.0	0		8	0	0
FORMAN	55.2	- 4.3	84	18	25	28	288	0	4	1.24	- .83	.47	20	.0	0		7	0	0
FULLERTON	55.5	- 2.5	83	18	23	28	283	0	2	1.90	- .06	1.12	4	.0	0		6	1	1
GACKLE	54.4M	- 3.4	84	18	26	24+	317	0	4	.82	- .76	.32	1	T	0		5	0	0
GRAFTON STATE 5CHOOL	53.5M	- 3.5	82	18	21	25	338	0		1.32	- .84	.29	26	.0	0		12	0	0
GRAND FORK5 CAA AP //	53.9	- 3.0	82	18	25	24	328	0	4	1.12	- .80	.33	4	.0	0		9	0	0
GRAND FORK5 UNIV	54.4M	- 2.5	81	18	24	24	310	0	3	1.35	- .57	.31	4	.0	0		10	0	0
GRAND RAPIDS 1 N	55.0		85	18	20	28	297	0	2	1.65		.95	4	.0	0		7	1	0
HANKINSON R R 5TA.	54.4	- 6.1	83	19	30	24+		0	3	.89	-1.21	.36	21	.0	0		5	0	0
HANNAH	49.9	- 4.9	78	18+	18	25	445	0	7	1.58	- .53	.38	1	.7	0		15	0	0
HILL5BORO	54.1	- 4.9	85	18	23	24	318	0	2	.96	-1.11	.31	26	T	0		8	0	0
JAMESTOWN CAA AP //	53.2	- 3.8	83	18	23	24	349	0	5	.78	- .89	.40	4	.0	0		8	0	0
JAME5TOWN STATE HO5P	54.5	- 2.5	84	30	24	24+	311	0	3	.74	- .93	.47	4	.0	0		7	0	0
KENSAL WILDLIFE REF	53.8		84	18	21	24	326	0	5	1.50		.75	4	T	0		9	1	0
LANGDON EXP FARM	50.5	- 3.0	80	18	19	24	426	0	8	1.90	- .33	.46	1	1.0			13	0	0
LARIMORE	53.8	- 2.6	81	18	26	24	332	0	3	1.75	- .30	.71	4	.0	0		7	2	0
LIS8ON	54.1M	- 4.0	85	19	22	24		0	5	1.28	- .72	.71	5	.0	0		6	1	0
MAYVILLE	55.2	- 3.3	82	18	25	24	289	0	2	1.11	- .95	.63	4	.0	0		9	1	0
MC HENRY 5 N	51.8	- 4.0	80	18+	22	24	391	0	5	1.24	- .19	.51	4	T	0		11	1	0
MC LEOD 3 E	55.6	- 4.0	85	18	24	24	277	0	4	1.20	- .83	.38	5	.0	0		7	0	0
MUNICH 4 SW	50.2		80	18	20	24	438	0	8	1.27		.38	1	1.0	1	25	13	0	0
OAKE5	53.0	- 6.0	83	19	22	28		0	6	1.16	- .60	.36	5	.0	0		8	0	0
PARK RIVER	53.6	- 3.3	82	18	23	25	334	0	5	1.20	- .95	.27	1	.0	0		9	0	0
PEMBINA 2 N //	52.6	- 1.9	78	7+	19	26	368	0	6	1.67	- .51	.72	26	.0	0		8	1	0
PETERSBURG	52.2		80	18	23	24	379	0	6	1.37	- .60	.25	1	.0	0		11	0	0
SHARON	53.0	- 4.4	81	18	24	24+	357	0	4	1.85	- .20	1.15	4	.0	0		10	1	0
VALLEY CITY	55.0	- 3.8	84	18	24	24+	295	0	2	.86	- .93	.60	9	.0	0		5	1	0
WAHPETON STATE SCHOOL	56.5	- 3.5	83	18	28	24	258	0	2	1.21	-1.01	.50	20	T	0		9	1	0
DIVISION	53.5	- 4.0								1.34	- .47			.1					
MIOOLE OIVISION																			
BELCOURT INDIAN RES	48.8		78	18	20	24+	481	0	8	2.60		.61	5	4.5	1	25	14	2	
BISBEE	51.1	- 5.6	79	18	23	24	409	0	6	1.71	.02	.36	4	T	0		11	0	0
BISMARCK WB CITY	54.6	- 3.5	83	30	22	28		0	3	1.03	- .41	.19	4	.0	0		15	0	0
BISMARCK WB AIRPORT	54.5	- 2.8	83	18+	19	28	310	0	5	.76	- .47	.19	22	.0	0		11	0	0
BOTTINEAU	49.9	- 5.6	78	19	22	25		0	7	2.14	.55	.46	4	2.0	0		15	0	
BUTTE	53.4	- 4.1	82	18	23	28	339	0	6	1.82	.34	.50	3	.0	0		14	1	
CARSON 2 SW	54.0	- 4.1	85	30	19	28	330	0	4	1.02	- .42	.19	26	.0	0		11	0	
CENTER	53.6M	- 4.5	81	30	17	28	327	0		1.86	.50	.55	8	T	0		13	1	
DRAKE	52.6M	- 5.0	81	19	25	28		0	4	2.78	1.35	.72	2	.0	0		13	2	
DUNSEITH ST SANITARIUM	50.2	- 4.8	76	18+	24	24	437	0	7	2.14	.47	.66	4	T	0		17	1	
ECKMAN	51.1M	- 4.6	80	19	20	24		0	6	1.31	- .19	.45	4	.0	0		8	0	
FESSENDEN	53.5M	- 3.1	78	18+	27	28	333	0		1.50	- .01	.41	2	.0	0		10	0	
FORT YATES	55.1	- 5.1	84	17	17	28	291	0	3	.99	- .46	.37	20	.0	0		7	0	
FOXHOLM WILDLIFE REFUGE	53.3	- 2.9	80	30	22	25+	346	0	6	.82	- .73	.18	4	.0	0		10	0	
GARRISON	52.8M	- 3.1	81	30	23	28	356	0	4	1.35	- .11	.25	5+	.0	0		12	0	
GRANVILLE	53.4	- 2.5	83	30	24	24	342	0	5	1.38	- .18	.48	4	T	0		11	0	
HANSBORO	50.8	- 3.4	79	18	19	25	420	0	6	2.11	.25	.61	4	1.5	2	25	12	1	
LEEDS	52.7		81	18+	23	24	364	0	5	1.91		.32	1	T	0		15	0	
LINTON	55.1	- 4.7	83	18	19	28	292	0	3	2.48	.91	1.12	2	.0	0		12	1	
MADOOCK AGR SCHOOL	53.0	- 3.9	80	18+	29	28	352	0	5	1.78	.12	.54	1	.0	0		12	1	
MANDAN EXP STATION	53.8	- 4.8	81	19	20	28		0	4	1.00	- .46	.22	23	.0	0		10	0	
MANOAN FT LINCOLN PARK	55.0		84	18	19	28	294	0	5	.73		.14	4	.0	0		13	0	
MAX	52.5	- 4.1	82	19	25	28		0	5	1.84	.45	.48	26				11	0	
MC CLUSKY	53.6M	- 3.6	80	18			329	0	4	1.50	.13	.30	4	.0	0		13	0	
MINOT CAA AP //	52.6	- 3.8	81	30	26	28	369	0	5	.99	- .61	.24	22	.6	0		11	0	
MINOT EXP FARM	52.9		80	18	23	28	356	0	6	1.26		.36	22	T	0		11	0	
MOHALL	52.0	- 2.9	81	18	22	25	386	0	5	1.20	- .36	.33	4	2.0			10	0	
NAPOLEON 1 SE	54.3	- 3.2	82	30	17	28	314	0	3	.98	- .48	.19	2	.0	0		13	0	
NEW SALEM 1 S	54.4M	- 3.9	82	18+			308	0	3	1.34	.03	.31	8	T	0		8	0	
PETTIBONE	53.6	- 3.0	80	18+	24	28	332	0	3	2.29	.95	1.03	2	.0	0		11	2	
RIVERDALE	53.1		82	30	22	28	349	0	4	1.33		.31	22	T	0		12	0	
ROLLA	50.1M	- 5.0	78	18	22	25	453	0	7	2.15	.40	.67	4	2.5	T	25	14	1	
RUGBY	52.7		80	18+	24	24	363	0	5	2.57	.89	.79	4	T	0		16	1	
STEELE	53.1	- 4.6	81	18+	18	28	350	0	7	1.10	- .43	.40	28	.0	0		6	0	
TOWNER	52.7	- 4.2	82	18	20	24	368	0	4	2.06	.34	.65	3	T	0		12	1	
TURTLE LAKE	53.8	- 3.7	81	30	24	28	330	0	5	2.47	1.20	.58	5	T	0		12	1	
UNDERWOOD 12 W	54.4M	- 3.8	81	18	24	28	314	0	5	1.45	.05	.28	4	T	T	26	14	0	
UPHAM 3 N	52.1		83	18	21	24+	380	0	5	2.00		.82	4	T	0		14	1	
VELVA	52.8	- 4.4	78	18+	25	28	359	0	4	1.84	.28	.43	3	T	0		13	0	
WASHBURN	54.6	- 4.7	82	30	23	28	305	0	3	1.37	.10	.30	3	T	0		14	0	
WESTHOPE	50.8	- 4.8	80	18	22	24	417	0	6	1.12	- .33	.35	4	4.5	3	24	9	0	
WILLOW CITY	51.6M	- 3.1	81	30	20	25	395	0	7	2.51	.86	1.33	4	.0	0		14	1	
WILTON R R STATION	51.3	- 6.0	78	19	21	28		0	7	1.78	.53	.62	3	.0	0		11	1	
WISHEK	53.2M	- 4.0			20	28		0	4	1.14	- .31	.53	1	.0	0		7	1	
OIVISION	52.8	- 4.2								1.63	.20			.4					
WESTERN DIVISION																			
ALMONT 7 SW	54.6		83	18+	21	28	309	0	4	1.34		.26	3	T	0		12	0	
AMIDON	50.9	- 7.5	78	11	20	27		0	6	2.43	.96	.86	3	T	0		15	1	
BEACH	50.6	- 6.8	79	19	22	27+		0	6	1.82	.55	.60	2	T	0		13	1	
BELFIELD	52.2M	- 5.8	80	30	28	24	370	0	5	2.20	.86	.44	3	.0	0		16	0	
BOWBELLS	50.2	- 4.4	80	19	23	24		0	8	2.67	1.26	1.09	4	2.2	T	25+	19	1	

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Table 2—Continued

Station	Temperature: Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	No. of days: Max. 90° or above	No. of days: Min. 32° or below	Precipitation: Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail: Total	Snow, Sleet, Hail: Max. depth on ground at obsn.	Snow, Sleet, Hail: Date	No. of days: .01 or more	No. of days: .50 or more	No. of days: 1.00 or more
WBELLS 5 E	48.9M		76	19	24	24+		0	8	1.96		.65	4	.0	0		15	1	0
WMAN COURT HOUSE	51.4M	- 6.4	81	30	21	27	401	0	5	3.89	2.62	1.59	3	.0	0		12	3	1
OSBY	51.7	- 3.1	81	18	25	25+	391	0	7	3.53	2.29	1.48	4	T	0		15	2	2
CKINSON CAA AP	52.3	- 4.1	81	18+	22	28	376	0	4	1.53	.23	.59	3	T	0		10	1	0
CKINSON EXP STA	51.7	- 4.7	80	19	22	28		0	6	1.73	.43	.43	3	.0	0		15	0	0
NN CENTER	51.4	- 5.1	82	19	20	28		0	6	1.11	- .29	.35	4	T	0		12	0	0
BOWOODS	52.2M	- 5.3	84	30	21	28	379	0	6	1.79	.30	.40	4	.0	0		10	0	0
PING	52.6	- 4.1	82	18	23	23	366	0	7	1.71	.42	.70	4	.0	0		9	1	0
ENORA	52.2M	- 3.1	82	18	23	25	375	0	6	1.47	.24	.86	3	.0	0		3	1	0
TTINGER	53.2	- 5.4	82	30	23	28	345	0	2	3.40	2.10	1.66	3	.0	0		10	2	1
NMARL	51.1	- 5.1	80	19	25	25		0	7	1.31	- .26	.45	4	.0	0		11	0	0
STWOOD 12 N	50.7M		78	18+	20	26	423	0	8	2.20		.74	4	2.7	T	24	14	2	0
MARTH	53.5M	- 4.3	83	30	24	27	298	0	3	1.96	.70	.60	1	.0	0		7	2	0
ORA 4 NNE	53.7		84	30	19	28	332	0	5	2.22		.83	4	.0	0		13	2	0
T	52.5	- 5.3	83	30	17	28	368	0	4	2.74	1.37			.0	0		11		
ENGLAND	52.2	- 5.2	82	30	18	28	379	0	4	1.94	.57	.55	4	T	0		12	1	0
SHALL	52.5	- 2.8	83	18	22	28	369	0	8	2.24	.75	.61	3	T	0		13	1	0
TAL	49.9M	- 5.3	78	19	25	23+		0	8	2.17	.71	.67	4	T	T	4+	14	2	0
ERS LAKE 1 N	49.6	- 6.7	77	17	24	25+	454	0	8	2.60	1.31	1.58	4	T	T	24+	12	1	1
HAROTON ABBEY	53.5	- 4.7	85	30	21	28	337	0	4	1.11	- .21	.22	4	T	0		16	0	0
ISH	51.7	- 5.8	81	19	24	28+		0	10	3.19	1.85	1.01	2	T	0		20	2	1
NLEY	50.3		79	18	23	25	435	0	7	2.13	.76	.32	1+	2.0	0		13	0	0
HOOK	52.7		81	18	25	28	363	0	6	1.77		.32	1	1.0	0		13	0	0
FORD CITY	52.3	- 5.4	81	18	23	28	375	0	5	2.76	1.45	1.05	4	.0	0		13	1	1
LISTON WB CITY	53.1	- 3.5	82	18	27	27	351	0	5	2.80	1.71	1.60	3	T	0		7	2	1
DIVISION	51.8	- 5.0								2.19	.93			.3					
STATE	52.7	- 4.4								1.71	.18			.3					

DAILY PRECIPITATION

Table 3

Station	Day of month: 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
S 7 S				.17								.02			.07				.02				.24	.03	.17	.27	.02					1.01
ANDER	.06	T	.07	.52	.07				.03		.13	.13	.04	.04					.03			.11		.29	.03	.43						1.98
NT 7 SW	.06	.02	.26	.20				.22	T		.03		.03	.06	T				.03			.17	T	.17	.05	.07						1.34
OSE	.13		.14	2.88	.05			.02	.01		.14	.01		.02	.03				.02	T	.25	.02	.09	.06	.10							3.97
IA				.33	.10								.04					.01							.09	.13					.70
ON	.12	.32	.86	.49			.03	.13		T	.03		.06	.04	.07				.02			.08	.07	T	.03	.08	T					2.43
ON R	.29		-	-	-	-	-	-	-	-	-	-	-	-	-					.02		.10			.04	.05						-
ER R				.29					.06		.03	.02		.04								.10		.11	.17	.08						.97
LLA ST PARK	.03			.72	.22								.06	.27	.04	.32						.17		.21	.10	.13	03		T			2.33
EY	.04	.03		1.23					.02	.06		.07	.03	.09	-	-	-	-	-	-	-	-	.20	-	-	-	-	-	-	-		-
OUR R	.12		.71	.50				.24	.03		.13											.02		.14	.09	.15						2.13
A	.20	T		.79	.11							.13	.17	.13										T			.36		T			1.89
RY	T	.39	.65	.26	T	T	T			.10	T			T	T							T		.10	T	T	.25					1.75
H	.02	.60	.09	.47						.04		.03	.08	.09	.06							.03	.07		.15	.09						1.82
H R	.62	.10	.43	.14					.05		.03	.09	.11	.08								.10		.12	.14	.05						2.06
OURT INDIAN RES	.13		.05	.59	.61				.06	.01	.19		.19						T	T		.25	.03	.10	.21	.14	.04					2.60
OURT INDIAN RES R	.08		-	-	-	-	-	-	-	.02	.22	-	-			-	-	-	-	-	-	-	-	-	-	-	.02					-
ELO	.20	.28	.44	.34	.06	.03	T		.12	.04		.12	.04	.08						T	.02	.11	T	.14	.06	.12						2.20
OLO	.18		.52	.09	.04								.01	.01						.03		.06	.01	.10	.04	.18						1.29
H		.01		.12	.02				.02	.07	.09	.06	.04	.03								.23	.05	.14	.10	.06						1.04
H R				.14	.03				.09		.10	.07	.03	.02								.27		.18	.08	.07						1.08
E	.21			.36	.13				.18	.08	T		.11	T								.12	.08	.07	.18	.19	T					1.71
RCK WB CITY	.08	.07	.01	.19	.02			T	.02	.09			T	.01	.10				T	T				.01	.15	.03			.08			1.03
RCK WB AP R	T	.05	.02	.16			T	.01	.06	.04	T	T	.07	T	T					.01	T	.19	T	.09	.02	T			.05			.76
NEAU	.06			.46	.24				.04	.09	.01	.05	.15	.08	.32					T	T	T	.18		.13	.13	.18	.02				2.14
LLS	.04	.35	.08	1.09	.16	.02			.01	.09	.08	.02	.06	T	.03					T	T	.01			.19	.19	.02	.01				2.67
N COURT HOUSE		.68	1.59	.63			.23		.12	T	T	.05	.02	.03						.31		.05	.17		.02	.16						3.89
N COURT HOUSE R //	.65	.12	1.92	.16			.20		.12			.08		.03					.15	.16		.05		T	.20	.17	.02					3.81
LLS 5 E	.08	.14		.65	.26	T			.02	.04	.10	.01	.01	T	.05						T	.08	.10	T	.20	.20	.02					1.96
N 11 SE	.29	T	.76	.47			.35		.07		.05	.04				T				.47		.03		T		.11						2.64
N 30 NNW		.29	1.00	.45			.20		T			T				T																1.94
N R		1.06		.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		.05								-
NAN R	.03	.07		.53	.02				.02													.12		.05	.10	.09						.94
16 N	.10		.20	.16			.20		.15		.05	.10	T	T								.03		.10	.08		T					1.14
	.18		.50	.43	.04				.07		.11	.02		.01	.02									.16	.09	.10	.02					1.82
R	.08			.20	.15							.14	.01	.04								.07		.05	.13	.25	.02					1.22
NGTON	.06	.01	.04	T	.47		T		.01	.13			.03	T	.07					T		.15			.06	.08	.05		.05			1.07
N R		.10	.20	.01				.12	.06			.05								.03			.01	.03	.03	.15		.09				.97
N 2 SW	.05	.14	.17	.03			T		.12		T	.10		T						.05		.10				.19		.07				1.02
ER	.32			.10	.23															.08	.02											2.02
R	T	T	22	14				.55	.05	.15	.07	.04	.02	.11	.09				.03	.03	.01	T	.09		.23	.40	.34					1.86
TE				.43	.06								.04									.20			.15	.07						.81
BUS		.02	.01	1.02	.12			T	.03	T	.13	.03		.02												T	.28					2.05
RSTOWN				.84	.05								.08	T					.02	.02	T	.25		.14	.05	.19						1.32
ENAY				.77	T				.07				T	.26			T	T	T		.03	T	.11	T	.06	.15	.03					1.33
	.12		1.10	1.48	.02			.01	.08		.11	.01	.02	.02	T			T	T	T		T		.07	.04		.09		T			3.53
R			1.93	.56					.06		.10			.02								.28		.13	.03	.10	.02					3.16
R				.65					.01	.02				.05								.25		.10	.05	.09						1.05
S LAKE WB CITY R	.16	T		.50	.15	.02		T	T			.20	.06	.10					T	T	T	.05		.10	.08	.09						1.54
SON CAA AP	.33		.59	.27	T		.03		.05		.01	.08	T	T							T	.09	.02	.01	.06	.15	.02					1.53
SON CAA AP R	.31		.60	.29			.03		.05			.14										.04		.09	.04	T						1.63
SON EXP STA.	.03	.13	.43	.25		T		.08	T	.12	.01	T	.11	.06	.01							.04		*	.17							1.73
ROOK	T	.12	.37	.07	T		T	T			.04		T								T	.03	.04		.27	.15	.01					1.02
	.71	.72	.07	.45	.06				.14	.02		.12	.02		.02							T		.38	T			.04	T	T		2.78
ENTER	.04	.07	.04	.35	.03			.01					.04	.01	.05					T					.12	.14	.19					1.11
TH ST SANITARIUM	.15		.04	.66	.18	.02			.04		.06	.01	.26	.03									.15	T	.21	.11	T					2.14
	.35		T	.45	.05					.07	T		.03							.01		.22	.02	.11	.16	.09	.08					1.31
Y EXP FARM	.04			.12	.95	.01				T															.10	.08	.18					1.65
Y EXP FARM R	-	-	-	-	-	-	-	-	-	-											.20		.06		.07	.20						-
1 W	.27			.12	.17				T			.01	.11	T						.20	.07		.05	.02	.18						1.62
OOS				.40	.20				.15	.10		.27	T	.02					.01	T	T		.02	.35	.27	T					1.79
5 S	.12	T	.50					T	.20		T	T		T								.20	.29	.12	.11	.22						.82
ALE	.06			.70	.02		.02			.02		.01	.02	T	T				T	.44	T	T		T	T	T		T				1.66
	.04			.70	.20						.20		.02									.04		T	T	.33						1.71
R	.03			.33						.50	T	*	.14	.08								.19		.20	.01	.15	T					1.47
ELO 8 N			.88	.74	.04			.10		T	.09	.12	.04							.01		.19	.03	.07	.07	.25						2.56
WB AP R //				.20	.04			T	T			.04		T					.02	.06	T	.01	T	.12	.06	.18						.79
DEN	.10	.41		.24	.09					.04			T	.04					T	T		T	.08	T	.05	.37	T		T			1.50
R	.12			.25					.03						.12						T		.12	.11	.14	.25						1.56
N	.02	T	.18	.56	.10			.03	.04	T	T	T			.01				.09	.91		.06	T	.09	.12	.13	T		.18			2.91
13 NW					.57		T					T		T					T	.47				T	.04	.28					1.24
		.21	T	.27	.02			.04	T	.12	T									.37		.12	T	T	.02	.09						.99
ATES R		.20	.03	.11			.07							.04						.38		.10		.03		.08						1.02
M WILDLIFE REFUGE	.11		T	.10			.06							T						T	T	.16	T	.07	.02	.16	T					.82
				.18	.03	T			T	.04	T	.01	T	.04																		

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Day of month																														Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FRYBURG R	.67		.51	.28			.04	.24				.10												.14	.04	.06						2.
FULLERTON				1.12			.03												T	.39		.01		.06		.29						1.
GACKLE	.32			.23						.04		T										.10		T	.13	T						.
GARRISON	.02	.06	T	.23	.25			T	.08		.08	T	.03	.01					T			.25		.19	.08	.07	T					1.
GLEN ULLIN R			.12	.16							.07		.02	.06								.12		.12	.03	.07						.
GLEN ULLIN 13 N		.04	.20	.17								.09		.05								.36		.16		.18						1.
GOLVA 1 SE R	.45		.89	.18								.06										.06		.02	.03							1.
GRACE CITY R				.77	.06				.28			.13	.04									.05	.03	.02	.08	.10						1.
GRAFTON STATE SCHOOL	.19			.08	.16	.05							.17	.01					.03		T		.07		.05	.29	.20		.02			1.
GRAND FORKS CAA AP	T			.33	.10			T				T	.08	T					T	.08	T	.05	.09	T	.00	.26	.05					1.
GRAND FORKS CAA AP R //				.35	.11								.08						T	.08		.05	.09		.08	.24	.05					1.
GRAND FORKS UNIV	.01			.31	.11	T							.10	.01	T				T	.14	T	T	.20	T	.09	.26	.12		T			1.
GRAND RAPIDS 1 N	.05			.95				T	T	.08				T						.14		T		.08	.11	.24	T					1.
GRANO R //	.07		.29	.20				—	—	—	—	—	—	—	—	—	—	—	—			.22		.12	.08	.14						-
GRANVILLE	.24		.13	.48	.13				.03		.07			.03								.05		.06	.06	.10	T					1.
GRASSY BUTTE R			.94	.40					.03		.07	.08	.14	.05								.35		.14	.17	.12						2.
GRASSY BUTTE 10 N	.02	.16	.71	.06					T		.06	.07										.35	T	.10	.04							1.
GRENORA			.86	.17																						.44						1.
HALEY R	.05		1.25	.01			.26					.08		.02					*	.75						.14						2.
HALLIDAY		.04	.05	.26	.05				.03		.04	.06										.16		.14	.06	.11						1.
HALLIDAY R	.03		.07	.27	.02								.07	.10								.15		.15	.01	.10						1.
HANKINSON R R STA					.27							.02								.12	.36	T					.12					.
HANNAFORD R				.88								.10	.04	.02								.06			.10	.13						1.
HANNAH	.38			.10	.02				.02		.03	.01	.20	.05	T				T	T	.03	.13	.06	.03	.23	.22	.07					2.
HANSBORO	.41			.61	.30				.05		.18	.07	.12	.01						T		.11		.05	.10	.10						1.
HARVEY 3 NE	—	.50		.14	T					.34			T	.02								.12	—	—	—	—	—	—	—	—		-
HAYNES 6 NE R	.23	.07	.55				.82		.10			.03		.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		-
HAZELTON R R STA R //	.05	.36		.09										.06								.04		.12	.06				.03			1.
HETTINGER	T	.26	1.66	.01			.43		.02			.15		.02						.65		.05				.15						2.
HETTINGER 17 N R	.36		1.10	.15			.83		.06										.04	.11		.21				.10						2.
HILLSBORO				.27	.04			T					.06	.12					T	.03	T	T	.10	T	T	.31	.03					1.
HUROSFIELD R	.45	.07	.02	.26	.06							.03		.38								.05			.15	.16						1.
JAMESTOWN CAA AP	T	.02		.40	T	T		T		T		T		.06					.05	T		.02		.04	.11	.08						.
JAMESTOWN CAA AP R //		.02		.40										.07					.05			.03		.05	.11	.08						.
JAMESTOWN STATE HOSP	.02	T		.47						.08				.02					T			T		.03	.09	.03	T					.
KENMARE	.05	.02		.45	17				T	.04	.10		.02		.07										.18	.15	.06					1.
KENMARE R	.05		.24	.40	.01				.05		.08			.07								.26		.18	.10	.07						1.
KENSAL WILDLIFE REF		.09		.75	.07								.10	.14								.02	T	.06	.17	.10	T		T			1.
KILLDEER 8 NW	.18		.67	.51	.06				.06		T	T	T	T								.57		.20	.27							2.
KRAMER 5 SE R	.09		.05	.65				.05						.26										.05	.06	.15						1.
KULM	T				.04								.01						T					.12	.02							1.
LANGDON EXP FARM	.46			.10	.18	.07							.20	.02					T	.04	T	.04	.10	.03	.16	.38	.12					1.
LANSFORD	.15		.09					.02				T	.03	.12								.22	T	.09	.11	.05						1.
LARIMORE	.09			.71	.07								T	.57					T	T			.16			.12	.03		T			1.
LEEDS	.32			.31	.24	.02			.05	.14	T	.06	.25	.08					.02	T	T	T	.10	.05	.07	.18	.02					1.
LEFOR 10 E	.12	.32	.43	.09			.22	T	.16		.01	.11	.02	T								.02				.15						1.
LINTON		1.12	T	.41				.03		.08	T	.03		.11	.08					.18		.23	.10	T	.08	.03						2.
LISBON					.71															.06	.10				.04	.12	.25					1.
LITCHVILLE	.02			.67	.01					.04									T	.07		T	T	.03	.14	.07	T					1.
LOSTWOOD 12 N	.05	T	.51	.74	.15			T	.03		.14	.01	T		.02					T	.03	.23	.02	.14	*	.13	T					2.
MADDOCK AGR SCHOOL	.54	.09		.20	.14					.10		.07	.13	.05					T			T		.04	.10	.29	.03					1.
MANDAN EXP STA.	.14		.04	.19					.03	.10			T		.05						T		.22		.15	.03	T		.05			1.
MANDAN EXP STA R			.04	.18				.03	.03	.06				.04								.25		.12		.03			.06			.
MANDAN FT LINCOLN PARK	.02	.07	.01	.14					.09	.10			T	T	.01							.11	.02	.09	.02	.01			.04			1.
MANNING R	.04		.20	.17					.02				.03	.09								.12		.25	.05	.05						1.
MARMARTH	.60	T	.50	.30			.20		.10		.02	T		T					T	.24	T	T		T		T						1.
MARMARTH M O U CO R	.61	.05	.87	.07			.19		.06			.04							.09	.13		.03			.06	.06						2.
MARTIN	T	.82	.10	.40						.05		T.	T	T								T			.15	.30						1.
MAX	.45	.06	.08	.26	.04				.10	.08			T											.15	.10	.48	.04					1.
MAYVILLE				.63	.10								.04	.06					.01			T	.08		.02	.15	.02					1.
MC CLUSKY	.02		.08	.30	.10				.28		.04	.02		.17								.08	.07	.14	.06	.14						1.
MC GREGOR R R STA. R			.05	.94							.07											.20		.13	.03	.05						1.
MC HENRY 5 N	.28			.51	.07								.06	.06								.01		.01	.12	.09	.02		.01			1.
MC LEOD 3 E					.38			T					T						.04	.23				.07	.08	.26	14					1.
MC VILLE	.03			.52	.07								.09	.12								.02			.12	.16	.05					1.
MEDINA 1 W	.03		.30	.10	T					.13												.09		.08	.12	.04						1.
MEDORA R	.86		.38	.25					.12			.24	.08									.12		.13	.10	.01						2.
MEDORA 4 NNE		.54	.30	.83			.01	T		.09	T	.04	.01	.05						T		.08	.02	.13	.02	.10						2.
MEDORA 11 N	.97		.38	.72	T				.08		.04	.03	.02	.04						T	T	.11	.03	.12	.02	.16						2.
MELVILLE R	.09			.58	.03							.15		.28								.03		.07	.09	.10	.02					1.
MINOT CAA AP	.09		.16	.20	.06			.02	T		.01	T	T	.04						T	T	.24		.10	.05	.02	T					1.
MINOT CAA AP R //	—	—	—	—	—	—	—	—	—	—												.23		.10	.04	.07						-
MINOT EXP FARM	.19	T	.15	.12	.10				.01		.01	T	T	.01						T	T	.36		.18	.03	.10		T				1.
MOFFIT 4 SE	.09	.76	T	.57	.03			T	T			T	.06	.05	.11					T	T	.09	.02	.05	.09	.05	.01	T	.05			2.
MOHALL			.10	.33	.10				T		.01	.03	T	.11						T	T	.10		.19	.11	.12						1.
MONTPELIER	.01			.06	.53	T				.09			T		T					.02	T	T		.04		.07	.15					2.
MOTT	*	1.02	.66	.06			.55	.01	.05		T	.22								.02		.09			.06							2.
MOTT R	1.02		.63	.09			.53		.05			.23										.09			.06							2.
MUNICH 4 SW	.38			.06	.03			.06	.01		T	.01	.17	T					.03		T	.15	.03	.08	.23	.03						1.
NAPOLEON 1 SE	.05	.19		.11						.15		.02	.06	.04	.04					.01	.05	.12		.08	.06	T						1.
NAPOLEON 1 SE R		.19		.10					.12	.03		—	—	—	—	—	—	—	—	—	—	—	—		—	—						-
NEW ENGLAND	.28	.24	.39	.55			.22	.01	.05		.02	.05	.02									.09		T	T	.02						1.
NEW ROCKFORD 7 WNW	.05			.38	.07	T			.02	.05		T	.17	T					T	T	T	T	T	T	.32	T	T			T		1.
NEW SALEM 1 S	T	.26	.25	.12				.31	.02		T	T	.02	T								.20		.16	T	T			T			1.
NOONAN			.30	1.10	.05				.20		.15											.33		.15	.05	.15						2.
NORTHGATE R			.22	.52	.01				.21		.08	.02	.03	.04								.30		.09	.25	.20						1.
NORTONVILLE	.05			.59						.06										.06				.06	.10							1.
OAKES	.05				.36					.04										.14	.18				.06	.06	.27					1.
OAKES R				.34						.04									.03	.26				*	*	.40						1.
PARK RIVER	.27	T		.23	.16								.05	T					.01	T		.09		T	.11	.24	.04	T				1.
PARSHALL	.10	.09	.61	.22	.18			T	.04	.18	T	.01	T	.03					T	T		.32		.26	.02	.18						2.
PEMBINA 2 N					.25	.05							.24						.04			.11			.06	.72	.20					1.
PEMBINA 2 N R //	—	—	—	.02	.14	.15		*					.16						.05			—	—	—	—	—	—	—	—	—		-
PETERSBURG	.25	.04			.12								.07	.22	.05				.04				.15		.17	.19			.07			1.
PETTIBONE	.06	1.03		.67	.03					.07		.06		.08								T		.08	.07	.12			.02			2.
PETTIBONE R	.51	.61		.67	.03					.04		.06		.08										.07	.06	.12						1.
PINGREE	T			.60	T		T			.04		T		T								T		T	.20	T	T					1.
PORTAL				.67	.52				.06	.06	.06	.05	.03		.03						.03	.13	.12	T	.09	.30	.42					2.
POWERS LAKE 1 N	.04		.11	1.58			.01	.08		.02	.15	T	T	.06					T	T	T	.35		.12	T	T	.02	.06				2.
PRETTY ROCK	1.51	.16	.31	.08				.18	T	.04	T	.03						.04		.23	.03	.09		T	T	T			.11			2.
RAUB R //	.03	.47	.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		-
REEDER	.17	.26	3.30		.40			.60		.19		.17		T						.40				.10			.13					5.
REEDER 14 N	T	1.03	.41	.33				.25		.33	T	T	.10	T	.08					.10		.01	.10		.02	.09	.27					2.
RICHARDTON ABBEY	.04	T	.17	.22			.10	.06	.01		.03	.01	.01	.03	.05					T		.10	.01	.17	.07	.03	T					1.
RICHARDTON ABBEY R			.19	.23			.17				.04			.03	.03							.10		.21	.04	.06						1.
RIVEROAKE	.05	T	.03	.24	.13			T	.03	T	.11	T	T	.01	.01				T	T	T	.31	T	.23	.07	.11						1.
RIVEROAKE R	.03		.03	.25	.14			.03		.02	.12			.03								.35		.26	.07	.16						1.
ROLETTE R	.10			.91	.15			.04	.05		.20	.17		.18								.30		.05	.15	.15						2.
ROLLA	.15		T	.67	.12	.03			.05	.01	.21	T	.18	.01						T		.23		.11	.15	.18	.05					1.
RUGBY	.26		T	.79	.28				.18	.16	.14	.02	.05	.22	.04				T	T		.01	.09	.04	12	.15	.02					2.
RYDER	.20		.23	.24	.10			.04	T	T		T	T	.04										.10	.30							1.
RYDER R	.06		.20	.28	.03			.04														.10	—	—	—	.15						-
SANISH	.18	1.01	.11	.70	.16	.03			.07	.05	.03	.01	.07	.03	.10						.01	.02	.20	.02	.25	.13	.01					3
SCRANTON	.39	.01	1.29	.32			.20	T	.02		.06	.04	.01	.04						.33		.03		.02	.03	.09						2.
SELFRIDGE 11 W	.05						.13	.15			.01			.07						.65						.18					.06	1.
SENTINEL BUTTE 2 S	.70	.25	.52				.12			T	T	T								T	T			.07	.08							1.
SHARON	.06			1.15	.02									.15	.05						T	.02	.13	T	.10	.15	.02					1.
SHERWOOD	T	T	.35	.17	.10	T	T	.02		T	.11	.01	T	.19						T		.16	.03	.12	.18	.08						1.
SHEYENNE R	.04			.35	.27								.09									.05			.15	.23						1.
SHIELDS		.20	.02						.13	.02		.11								.15		.04		.02		.07			.03			1.
STANLEY	.32	T	.21	.32	T			.12	.13	.05	.04	.05	T	.04								.27		.26	.07	.25						2.
STANLEY R	.12		.27	.35				.10	.12		*	*	*	.18								.23		.25	.05	.23						1.
STEELE	.18			.37								T		.02					T			T		.04	.09	T	T	.40				1.
SYKESTON	.05	.23		.32	.05					.12				.08								.10		.05	.06	.25			.20			1.
TAGUS	.24	T	.23	.11	.10			T	.02		.03	.02	T	.02						.02	T	.19		.09	.04	.15	T					1.
TIOGA	.23	.02		.85	.18			.03	.15		.23	.04		.02	.12					.20		.15		.25	.05							1.
TOLLEY 4 NE	.07		.20	.30	.09			.01		.03				.12								.13		.19	.06	.07						2.
TOWNER	.25		.65	.30	.10				.05		.10		.09	.10									.05		.15	.19			.03			1.
TROTTERS 6 WNW	.04		.08	.75				T	.49		.04	.08	T	.01					T	T		.02		.13	.02	.34						1.
TROTTERS 3 S R	.03	.03	.89	.06					.15		.04	.06										.05		.10	.12	.13						1.
TURTLE LAKE	.02	.21	.39		.58			.28			.16	.02	T		.21						T	.15		.22	.11	.12						2.
TUTTLE 8 SW	—	.12	T	.35						.02	T		.03						.02		T	.03		.15	.07			.24			1.
UNDERWOOD 12 W	T	.11	.04	.28	.12			T	.10	.05	.07	.05	T	.12	.02							.18	T	.18	.05	.08	T					1.
UPHAM 3 N	.19		.14	.82	.13			.12	.03		.01	.04	.02	.17					T			.07		.07	.08	.17	.01					1.
VALLEY CITY					.03				.60											.01				T	.14	.08						1.
VAN HOOK	.32	.13	T	.30	.12			T	.04	.03	T	.06	.02	.04					T			.28		.23	.02	.18	T					1.
VELVA	.16		.43	.39	.07				.10		.08		T	.02	T				.01		T	.18	.03	.20	.05	.12	T					1.
VERONA					.95															.23						.45						.
WAHPETON STATE SCHOOL				.08	.30			.01				.04	.01						T	.50					.03	.23	.01		T			1.
WAHPETON PWR PLANT R				.26	.34							.04		.03					.06	.43					.04	.27	.02					1.
WALHALLA	.38			.10	.25							.10	.08									.15			.15	.32	.17					1.

See reference notes following Station Index.

able 3—Continued

DAILY PRECIPITATION

NORTH DAKOTA
NOVEMBER 1951

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RWICK			.72		.08			T				.10		T			.06		T		.08		T	.07	T	.08	T		.35			1.22
SHBURN	.03	.08	.30	.24	.07				.14	T	.10	T	T	.03	.01							.02	.02	.14	.09	.10						1.37
SHBURN WATER WKS S		.07	.31	.27	.07			.15			.10			.02								.21		.14	.10	.09						1.53
TAUGA S. DAK. 8 N		T	.09	.04				.05	.06		T	.04		T						.68		.05		T		.12						1.16
TFORD CITY	.17			1.05	.14			.03	.09		.12	.05	.08	.04								.18		.24	.12	.45			.07			2.76
TFORD CITY 11 E R	.05		.51	.82	.02			.02	.05				.03	.03								.31		.09	.03	.38						2.34
THOPE	.05		.04	.35	.09				.03	T	T	T	T	.13								.07		.24	.12							1.12
DROSE	.15	T	.08	1.38	.05		T	.03	.14		.08	.10	T	.03					.02	T	T	.20		.20	.15	.00	T					2.59
LLISTON WB CITY R	T	.01	1.60	.65	T			T	T	T	.13	T	T	T					T	T	T	.03		.22	T	.16						2.80
LOW CITY	.10		T	1.33	.14				T	.10	.08	.02	.07	.18					T	.02	T	.08		.07	.06	.18	.8					2.51
TON R R STA	.10	.06	.62	.38	.01				.03						.13						T		.18			.12	.08	.07				1.78
HEK	.53		.20												.11												.05					1.14
DWORTH 5 E	.04	.13	.43	.03							T	T		.13					.12			.11										.83
L	.10	T	2.17	2.33	.03			T	.09		.09	T	T	.01					T	.03	T	T		.03	.04		T					5.36
																						.20		.15	.02	.14						

able 6

EVAPORATION AND WIND

Station		Day of month																													Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
wbells 5 E	EVAP	.06	.09	-	-	.28	.13	.11	.22	.15	.09	.11	.07	.08	.20	.12	.12	.15	.12	.18	.18	.11	.09	.01	.06	-	-	-	.02	.12	.10		3.56B
	WIND	37	19	•	85	66	47	15	47	115	137	55	137	284	317	31	91	59	13	53	115	229	68	65	54	29	102	359	94	139	45		2907
vils Lake WB City	EVAP	.25	.07	.04	-	-	.11	.15	.04	.12	.08	.10	.32	-	.07	.10	.16	.10	.15	.10	.13	.10	.14	-	.06	.02	.01	.00	.09	.02	.06		2.99B
	WIND	13	16	12	29	34	36	24	23	35	42	35	74	105	94	66	57	12	42	28	56	91	21	55	27	52	86	148	39	54	30		1436
ckinson Exp. Sta. a	EVAP	.02	.11	.08	.09	.16	.09	.13	.08	.12	.17	.11	.16	.09	.14	.16	.11	.14	.10	.11	.17	.18	.12	.11	.07	.08	.03	.18	•	.12	.20		3.41
	WIND	50	60	50	120	110	90	25	75	80	130	60	130	100	100	110	50	50	30	30	100	105	65	100	75	135	80	70	50	60	30		2320
geley Exp. Farm	EVAP	-	.07	.05	.10	.01	.07	.24	.13	.03	.16	.13	.12	.13	.13	.16	.25	.10	.18	.22	.03	.17	.07	.06	.09	.00	.06	.10	.11	.06	.14		3.28B
	WIND	-	35	10	43	47	26	87	58	16	62	30	66	100	74	133	38	29	30	48	29	64	133	86	176	77	91	37	144	95	58		1988B
ndan Exp. Station a	EVAP	.03	.06	.07	.06	.10	.15	.10	.10	.07	.13	.09	.17	.15	.13	.12	.09	.11	.06	.10	.12	.21	.11	.03	.09	.01	.02	.17	.10	.08	.04		2.87
	WIND	60	22	50	73	55	112	53	91	61	142	66	170	155	198	183	71	62	22	32	87	219	99	132	65	128	152	369	145	180	36		3290
verdale	EVAP	.06	.12	.03	.5	.21	.15	.24	.11	.18	.12	.17	.12	.07	.11	.22	.21	.12	.12	.34	.21	.23	-	.08	.15	.07	.06	.06	.12	.12	.28		4.27B
	WIND	58	81	108	85	75	47	125	74	97	75	113	104	170	126	87	68	21	47	86	103	151	69	92	103	170	175	-	-	113	72		2888B

Pan 6 feet in diameter, 24 inches deep, in ground 20 inches.

See reference notes following Station Index.

Table 4

HOURLY PRECIPITATION

NORTH DAKOTA
SEPTEMBER 195

Station		A. M. Hour Ending												P. M. Hour Ending										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																										
AMIDON																		.04	.18	.07						.29
ASHLEY	//	.01	.03																							.04
BALFOUR		.09	.03																							.12
BEACH		.01	.01														.56	.04								.62
BELCOURT INDIAN RES		.02	.01		.02	.01			.02																	.08
BOWMAN COURT HOUSE																		.10	.54	.01						.65
BUCHANAN				.02	.01																					.03
CANDO		.01	.03	.01	.01		.01	.01																		.08
DEVILS LAKE WB CITY		.01	.03	.10		.01	.01																			.16
DICKINSON CAA															.11	.08				.11		.01				.31
EDGELEY EXP FARM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESMOND																	.03									.03
FRYBURG																			.09	.54	.03	.01				.67
GARRISON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLVA 1 S E																			.41	.04						.45
GRANO	//	.01	.01						.04	.01																.07
HALEY																		.01	.03	.01						.05
HALLIDAY		-	-	-	-	-	-	-	-	-	-	-	-								.03					.03
HAYNES 6 NE																				.22	.01					.23
HAZELTON R R STATION	//																		.02	.03						.05
HETTINGER 17N																				.35	.01					.36
HURDSFIELD											.01	.04				.06	.01							.08	.25	.45
KENMARE								.02	.03																	.05
KRAMER 5 SE		.05	.02	.01	.01																		-			.09
MANNING																				.04						.04
MARMARTH M O U CO																		.21	.37	.02					.01	.61
MEDORA				.04										.07					.50	.24	.01					.86
MELVILLE		.03	.03	.03																						.09
MINOT CAA	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOTT																.34	.16			.22	.29	.01				1.02
PEMBINA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PETTIBONE					.01	.02	.01				.01	.02													.44	.51
RAUB	//																								.03	.03
RIVERDALE		.02	.01																							.03
ROLETTE		.01	.07	.02																						.10
RYDER		.01	.01	.01			.01	.02																		.06
SARLES 3 E	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHEYENNE			.02	.02																						.04
STANLEY		.02	.05	.05																						.12
TROTTERS 3S																		.03								.03
WATFORD CITY 11E		.01						.01	.01		.01		.01													.03
—2d—																										
ASHLEY	//																.03									.03
BEACH		.01					.01		.02											.02	.03				.01	.10
BISMARCK WB AIRPORT			.01								.03	.01														.05
BOWMAN COURT HOUSE																						.10	.01		.01	.12
BREIEN											.12	.02	.01			.90	.01									1.06
BUCHANAN										.03	.04															.07
CARSON								.01	.09																	.10
FORT YATES														.07	.12	.01										.20
HAYNES 6 NE								.01						.01	.01	.01						.01	.01	.01		.07
HAZELTON R R STATION	//				.03	.03	.01	.01			.04	.04	.07	.13												.36
HURDSFIELD						.07																				.07
JAMESTOWN CAA	//											.01	.01													.02
MARMARTH M O U CO		.01	.01																						.03	.05
NAPOLEON 1 SE						.01	.05	.01	.08	.01					.02	.01										.19
PETTIBONE		.11	.01	.04	.08	.17	.11	.04	.02	.01	.01	.01														.61
RAUB	//							.05	.02	.01					.28	.08	.03									.47
TROTTERS 3S																									.03	.03
WASHBURN WATER WKS																		.01	.03	.03						.07
WILLISTON WB CITY																							.01			.01
—3d—																										
AMIDON		.07	.14	.20	.30	.03			.02				.01	.02	.03	.10	.02					-	-	-	-	-
BALFOUR						.05	.13		.01		.01		.01	.02	.03	.30	.12	.03								.71
BEACH		.04						.01	.01									.09						.10	.18	.43
BELCOURT INDIAN RES															-	-	-	-	-	-	-	-	-	-	-	-
BISMARCK WB AIRPORT														.02												.02
BOWMAN COURT HOUSE		.02	.03	.77	.08											.55								.01	.46	1.92
CARSON							.03	.03	.04	.05	.04	.01														.20
CROSBY											.08				.12	.48	.05	.11	.19	.10	.04	.56	.15	.02	.03	1.93
DICKINSON CAA				.01	.18	.26	.14	.01																		.60
FORT YATES																							.01	.01	.01	.03
FRYBURG			.01	.23	.08	.06								.01	.05	.03		.01	.03							.51
GLEN ULLIN									.05	.05	.02															.12
GOLVA 1 S E		.01	.02	.01	.06														.24	.09			.24	.06	.16	.80
GRANO	//						.07		.01	.01									.19	.01						.29
GRASSY BUTTE			.06	.29	.07	.03								.01	.01		.10	.07	.05					.02	.23	.94
HALEY			1.11	.02												.01	.01			.01				.07	.02	1.25
HALLIDAY									.05	.01	.01															.07
HAYNES 6 NE				.10	.30	.12	.03																			.55
HETTINGER 17N			.01	.02	.65	.19		.08																	.15	1.10
HURDSFIELD																								.01	.01	.02
KENMARE														.14	.01				.05	.04						.24
KRAMER 5 SE																.02	.02	.01								.03
MANDAN EXP STATION									.04																	.04
MANNING		.01	.06	.08	.02						.01						.02									.20
MARMARTH M D U CO		.07	.17	.29	.02																			.23	.09	.87
MC GREGOR RR STATION											.01			.01											.03	.05
MEDORA			.22	.01	.06	.03																		.03	.03	.38
MOTT					.02	.34	.23		.04																	.63
NORTHGATE													.01	.05	.09				.02	.03	.02					.22
PEMBINA		-	-	-	-	-	-	-								.02										-
RAUB	//																									.02
RICHAROTON ABBEY		.01	.01		.02	.03	.06	.04	.02																	.19
RIVERDALE													.03													.03
RYDER																.03	.17									.20
STANLEY															.01	.01	.05	.14			.04	.02				.27
TROTTERS 3S		.12	.01														.08	.10	.35	.01		.01			.21	.89
WASHBURN WATER WKS								.08	.11	.03	.01		.04	.03	.01											.31
WATFORD CITY 11E														.02				.03		.07	.06	.25			.08	.51
WILLISTON WB CITY														.07	.04	.05	.10	.10	.08	.03	.06	.09	.40	.48	.10	1.60
—4th—																										
ANTLER							.07				.01							.01	.06	.02					.12	.29
ASHLEY	//					.05			.18	.01	.23	.33	.15	.24	.04											1.23
BALFOUR					.01	.05	.22	.17	.05																	.53
BEACH		.13	.01																							.14
BELCOURT INDIAN RES		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				.03	.01	-
BEULAH			.01	.09	.02	.01																			.01	.14
BISMARCK WB AIRPORT					.16																					.16
BOWMAN COURT HOUSE		.14	.01	.01																						.16

See Reference Notes Following Station Index

HOURLY PRECIPITATION

Station	A. M. Hour Ending												P. M. Hour Ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
REIEN															.04	.01									.05
CHANAN								.06	.41	.01	.01	.01		.03											.53
NDD					.01		.01	.04	.02	.02	.04			.01	.05	.01									.20
RSDN																									.01
OSBY	.22	.20	.03	.10	.01																				.56
WSON						.24	.31	.08	.02																.65
VILS LAKE WB CITY							.01	.04	.15	.03							.27								.50
CKINSDN CAA	.14	.14	.01																						.29
GELEY EXP FARM	-	-	-	-	-	-		.03	.02	.15	.34	.14	.05	.12	.10										-
MOND		.02	.02			.01	.15	.12	.01					.02	.05	.08	.05								.33
RGD WB AIRPORT	.01	.01		.02	.03	.03																			.20
RT YATES		.22	.06																						.10
YBURG		.01	.12	.02	.01																				.28
EN ULLIN	.18																								.16
LVA 1 S E								.13	.47	.08									.08					.01	.18
ACE CITY	//									.01	.02	.07	.07	.03	.02	.03			.10						.77
AND FORKS CAA	//				.01	.07	.05										.02						.04	.01	.35
ASSY BUTTE	.22	.13	.02	.01																			.02		.20
LEY	.01																								.40
LLIDAY	.01	.19	.07																						.01
NNAFORD										.12	.57	.15	.02		.01	.01									.27
ZELTDN R R STATION	//				.02	.05	.01	.01																	.88
TTINGER 17N	.04	.06	.01				.02	.01	.01																.09
RDSFIELD	.01					.09	.13	.01														.01	.01		.15
HESTDWN CAA	//							.03	.17	.11	.07	.02													.26
MMARE				.03	.09	.11		.01	.01											.05	.04	.05		.01	.40
AMER 5 SE						.05	.45	.11	.04																.40
IDAN EXP STATION				.15			.02	.01																	.65
INING	.02	.09	.06																						.18
MARTH M D U CD	.06	.01						.05	.05																.17
GREGOR RR STATION	.25	.30	.04	.21	.04	.01		.03						.03	.01			.01	.02	.02					.07
ORA	.23	.01	.01					.01	.01																.94
VILLE							.05	.15	.34	.01			.02		.01										.25
T		.05	.04																						.58
OLEON 1 SE								.05	.05																.09
THGATE	.02	.02			.15	.20	.03	.03												.01	.02	.03		.01	.10
ES													.04	.02	.03	.05	.06	.12	.02						.52
BINA							.23	.13	.30	.01														.02	.34
TIBDNE	//			.13	.08		.01	.01	.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.02
8	.01	.21	.01																						.67
HARDTDN ABBEY					.18	.06	.01																		-
ERDALE							.12	.26	.27	.15	.01														.23
ETTE					.13	.05		.01																	.25
ER							.07	.17	.10	.01														.10	.91
YENNE			.05	.05	.10																		.05	.02	.26
NLEY																.03					.05	.05		.02	.35
TTERS 3S	.05	.01																							.35
PETDN PDWER PLANT					.23		.02		.01	.01							.05	.15	.06						.06
HBURN WATER WKS																					.05	.02			.26
FORD CITY 11E	.10	.32	.25	.06																	.07	.02			.27
LISTDN WB CITY	.04	.18	.14																		.01	.05	.04	.02	.82
																			.08	.09					.65
COURT INDIAN RES	.36	.01	.02	.14									-	-	-	-	-	-	-	-	-	-	-	-	-
LAH	.01	.02																							
IEN																									
MANAN			.02									-	-	-	-	-	-	-	-	-	-	-	-	-	.03
DD					.02	.01	.02																		-
LS LAKE WB CITY			.01		.01	.08		.03									.10								.02
D WB AIRPORT														.04				.02							.15
E CITY	.01					.03	.01	.01							.07										.15
D FORKS CAA	//								.01	.03															.04
IDAY		.01	.01																						.06
SFIELD					.06																				.11
IARE	.01																								.02
ILLE						.02	.01																		.06
HGATE	.01																								.01
INA	.02	.01										.01		.01		.01					.02	.05	.01		.03
IBDNE								.03									.02								.01
RDALE	.02	.03	.05	.04																					.14
TTE	.02		.09	.02																					.03
R	.01				.01	.01											.02								.14
ENNE				.01	.08					.04				.14											.15
ETON POWER PLANT	.01	.01	.18	.05									.01		.08										.03
BURN WATER WKS				.01	.03	.01	.01																		.27
ORD CITY 11E					.02																				.34
																									.07
																									.02
LS LAKE WB CITY																									
INA							.02																		
				.01	.11	.03																			.02
																									.15
AN COURT HOUSE																									
INSDN CAA								.04	.15				.01												
YATES													*	*	*	*	*	.03							.20
URG														.01	.05										.03
Y									.04																.06
ES 6 NE								.04	.02				.18	.01	.01										.04
INGER 17N																.01	.74	.07							.26
ARTH M D U CD										.05				.03	.64	.11									.82
								.03	.10	.04	.01		.01												.83
RDTDN ABBEY													.03		.01		.29	.14	.06						.19
														.02	.06	.01	.02	.06							.53
																									.17
UR																									
RCK WB AIRPORT																						.01	.23		.24
N																					.01				.01
RG																			.12						.12
												.08	.01	.06	.02		.06	.01							.24
R 5 SE	//							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N EXP STATION																		.03			.02				.05
DALE																					.02	.01			.03
TE																						.03			.03
																							.01	.03	.04
EY																			.02	.02					.04
URN WATER WKS																		.10							.10
RD CITY 11E																					.15				.15
						.02																			.02
R																									
Y	//																				.01	.05			.06
UR															.02				.01				.02		.02
																									.03

-5th-

-6th-

-7th-

-8th-

-9th-

See Reference Notes Following Station Index

HOURLY PRECIPITATION

Station	A. M. Hour Ending												P. M. Hour Ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BEACH													–	.05	–	–	–	–	–				.02	–	.05
BELCOURT INDIAN RES		–	–	–	–	–	–	–	–	–	–	–	.02	–				.02			.03		.01	.01	.09
BEULAH																	.03	.01						.02	.06
BISMARCK WB AIRPORT														.08	.04										.12
BOWMAN COURT HOUSE							.01	.01	.01	.02			.01												.06
CARSON															.04	.02									.06
CROSBY																		.01							.01
DAWSON														.05											.05
DICKINSON CAA													.02	.01											.03
GRASSY BUTTE														.08	.01	.01									.10
HAYNES 6 NE															.03	.01	.01	.01							.06
HETTINGER 17N																			.05						.05
KENMARE																			.02					.01	.03
MANDAN EXP STATION																.01		.01							.02
MANNING														.03	.01	.01		.01							.06
MARMARTH M D U CO															.03	.01	.05	.02	.01						.12
MEDORA																		.05							.05
MOTT																								.12	.12
NAPOLEON 1 SE																.06	.01	.13	.01						.21
NORTHGATE																							.03	.02	.05
ROLETTE															.01	.01	.05						.05		.12
STANLEY																	.14	.01							.15
TROTTERS 3S																.04		.01							.05
WATFORD CITY 11E																								•	

–10th–

ASHLEY	//	.03	.03																						.06
BELCOURT INDIAN RES				.01	.01																				.02
BISMARCK WB AIRPORT		.03	.01																						.04
BUCHANAN						.02																			.02
DAWSON		.01	.01																						.02
EDGELEY EXP FARM		–	–	–	–	–	–																		–
ESMOND		.49	.01																						.50
GRACE CITY				.25	.02		.01																		.28
MANDAN EXP STATION		.06																							.06
MINOT CAA	//	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–							–
NAPOLEON 1 SE		.03																							.03
OAKES								.02	.02																.04
PETTIBONE				.04																					.04
RIVEROALE		.01	.01																						.02

–11th–

ANTLER				.02	.01					.04	.05	.03	.01												.01
BALFOUR												.03													.01
BEACH												.07													.02
BELCOURT INDIAN RES					.01		.02			.01	.08		.03												.12
BEULAH								.06	.04				.01	.03	.01	.02									.14
CROSBY			.01	.01	.01																				.03
GLEN ULLIN									.07																.07
GRASSY BUTTE											.02	.01	.02	.02											.05
KENMARE			.02	.06																					.08
MC GREGOR RR STATION		.02	.05																		–	–	–	–	–
NAPOLEON 1 SE												.05	.03												.08
NORTHGATE																									.00
RICHAROTON ABBEY							.01	.02	.01																.03
RIVERDALE								.03	.09																.12
ROLETTE										.05	.08	.06	.01												.28
STANLEY	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
TROTTERS 3S																									.02
WASHBURN WATER WKS			.02	.02						.03	.07														.12
WILLISTON WB CITY	*	.02	.11																						.13

–12th–

ANTLER													.02												.02
ASHLEY	//															.05	.01	.01							.07
BEACH						.01	.02							.01	.02		.01		.02						.05
BELCOURT INDIAN RES													–	–	–	–	–	–	–	–	–	–	–	–	–
BEULAH			.02		.01							.02	.01												.06
BOWMAN COURT HOUSE							.01									.02	.03	.01	.02						.08
CANDO																.05									.05
CARSON																	.01	.01							.02
DEVILS LAKE WB CITY											.03			.02	.07	.02									.14
DICKINSON CAA																									.00
ESMOND															.02	.06		.01							.09
FRYBURG												.02	.02	.01			.01								.05
GOLVA 1 S E																					.01				.01
GRACE CITY									.03					.02	.03										.05
GRASSY BUTTE																	.08								.08
HALEY																									.10
HANNAFORD															.03										.03
HAYNES 6 NE																		.02	.01						.03
HURDSFIELD														.03	.01										.04
MARMARTH M D U CO											.02			.02	.13			.06	.01						.22
MEDORA																							.15		.15
MELVILLE												.02		.03	.17	.01									.23
MOTT															.02										.02
NORTHGATE																	.03	.01	.02						.06
PETTIBONE																					.12	.03	.02		.17
ROLETTE												.01		.02	.01		.01		.01						.05
TROTTERS 3S					.01	.02	.01																		.04
WAHPETON POWER PLANT																									

–13th–

ASHLEY	//																.01		.07	.02	.01			.01	.12
BEACH																									
BELCOURT INDIAN RES		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–					
BEULAH																.03									.03
CANDO		.01																			.02				.03
DEVILS LAKE WB CITY								.02	.01	.01															.04
ESMOND		*	*	*	*	.14							.01			.01							.02		.04
FARGO WB AIRPORT						.02																			
GLEN ULLIN																				.03	.01				.04
GRACE CITY									.01	.01								.09							.11
GRAND FORKS CAA	//		.05	.01													.05						.02		.07
GRASSY BUTTE			.02	.03																					.05
HALLIDAY					.02																		.02		.02
HANNAFORD		.02														.03									.05
MANNING																				.05					.05
MEDORA				.02	.01								.03												.04
NORTHGATE															.02	.01	.01								.04
PEMBINA		.01	.04	.01	.02	.04													.03	.02					.12
SHEYENNE									.02	.01	.01							.03							.07
WATFORD CITY 11E																									

See Reference Notes Following Station Index

HOURLY PRECIPITATION

Station	A. M. Hour Ending												P. M. Hour Ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	8	7	8	9	10	11	12	
—14th—																									
NTLER														.03	.01										.04
SHLEY //																	.05	.01		.03					.09
EACH														.08											.08
EULAH														.02											.02
ISMARCK WB AIRPORT																.01		.02			.04				.07
OWMAN COURT HOUSE																.03									.03
ANOO														.01	.01				.02						.04
POSBY																.02									.02
AWSON																		.05							.05
EVILS LAKE WB CITY															.06	.01	.01	.01			.01				.10
EMOND																.05	.02		.01						.08
ORT YATES																.02	.02								.04
LEN ULLIN																.03	.03								.06
RASSY BUTTE												.05													.05
ILEY																.02									.02
ILLIOAY															.08	.02									.10
INNAFORD													.01	.01											.02
YNES 6 NE														.05		.03									.08
ZELTON R R STATION //																					.02	.03		.01	.06
ROSFIELD														.01	.01	.18	.17		.01						.38
MESTOWN CAA //																		.01	.06						.07
NMARE																			.06	.01					.07
AMER 5 SE														.05	.14	.02	.04	.01							.26
NDAN EXP STATION																			.01	.02	.01				.04
NNING													.06			.02	.01								.09
LVILLE															.07	.10	.11								.28
RTHGATE																	.01	.03							.04
TTIBONE															.06	.01		.01							.08
CHARDTON ABBEY																		.02						.01	.03
VEROALE																								.03	.03
LETTE														.01	.17										.18
ANLEY	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.18	.18
MPETON POWER PLANT	.01	.01	.01																						.03
SHBURN WATER WKS																	.02								.02
TFORD CITY 11E																						.01	.02		.03
—15th—																									
IDON	-	-	-	-	-	-	-	-	-																-
HLEY //																						-	-	-	-
YNES 6 NE							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHARDTON ABBEY	.02	.01																							.03
—16th—																									
COURT INDIAN RES																			-	-	-	-	-	-	-
—19th—																									
WMAN COURT HOUSE																						.02	.06	.07	.15
RGO WB AIRPORT																	.02								.02
ANO //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										-
EY																									-
TINGER 17N																			*	*	*	*	*	*	*
MESTOWN CAA //													*	*	*	*	*	*	.05					.04	.04
RMARTH M D U CO																									.05
ES																				.03			.06	.03	.09
ABINA														.05											.03
MPETON POWER PLANT																						.05	.01		.05
																									.06
—20th—																									
OON																									
WMAN COURT HOUSE	.10	.05	.01																				.01	.01	.02
SON		.02	.01																						.16
GO WB AIRPORT									.02	.03	.01														.03
T YATES		.01	.04	.06	.08	.10	.05	.04								.08									.06
NO FORKS CAA //																									.38
EY	*	*	*	*	*	.75																			.08
TINGER 17N	.05	.04	.01				.01																		.75
MARTH M D U CO	.10	.03																							.11
ES							.03	.07	.06	.07	.02	.01													.13
PETON POWER PLANT								.01	.05	.04	.08	.06	.11	.03						.05					.26
																									.43
—21st—																									
IEN	-	-	-	-	-	-	-	-	-	-	-	-													
ELEY EXP FARM							.10	.07	.04	.02	.01														-
																									.24
—22d—																									
OON																									
LLER						.02	.01	.01			.01	.02	.03												.10
FOUR											.03	.02	.04	.02			.05	.01	.01						.17
CH													.02												.02
LAH					.02	.01	.01	.01	.04	.01															.10
MARCK WB AIRPORT								.01	.08		.01	.05	.06				.01	.04	.01						.27
WAN COURT HOUSE												.03		.03	.11	.01						.01			.19
IEN									.01	.01			.03												.05
HANAN											.03	.01	.04	.01		.02		.01							.12
DO															.01	.01	.01								.03
SON									.02	.04	.01	.03				.01	.01	.02	.02	.06	.02			.01	.15
SBY							.05	.02		.01	.02	.02	.05	.01	.05	.02									.10
SON													.01	.02			.01	.01							.25
VILS LAKE WB CITY																									.05
CINSON CAA						.02	.02									.01	.01		.02		.01		.02	.02	.09
ELEY EXP FARM															.02	.01			.04						.04
GO WB AIRPORT																						.01			.07
T YATES												.02	.01		.03	.02		.02							.01
N ULLIN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.12	.10
VA 1 S E					.01	.01	.01	.02	.01								.01	.01	.02	.01					.12
CE CITY																				.02	.01	.01	.01		.06
ND FORKS CAA //																									.05
AO //										.05	.05			.01	.08	.03									.05
SSY BUTTE					.02	.06	.03	.01	.01	.04	.03	.03	.02		.01	.02	.02						.04	.01	.22
LIDAY								.01	.09	.02	.01		.02												.35
AFORD																									.15
LTON R R STATION //																.03	.01				.06				.06
INGER 17N								.03	.01	.02	.05	.01	.07	.01			.01								.04
SFIELD													.01	.01					.02	.01					.21
STOWN CAA //															.01	.01						.01			.05
ARE									.04	.08	.01		.08	.04	.01										.03
AN EXP STATION											.04	.01	.03	.17											.26
ING						.02	.07	.02		.01							.01					.01	.01		.25
ARTH M D U CO																									.12
																									.03

Table 4 - Continued

HOURLY PRECIPITATION

NORTH DAKO
SEPTEMBER 19

Station		A. M. Hour Ending												P. M. Hour Ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MC GREGOR RR STATION									.02	.02	.01			.01	.09	.01	.02	.02								.2
MEODRA						.02	.02	.03	.01			.01	.01								.02					.1
MELVILLE																		.01			.02					.0
MINOT CAA	//										.01	.08	.04			.04	.03	.01	.01						.01	.2
MOTT									*	*	*	*	.09													.0
NORTHGATE								.04	.03	.07	.05	.02			.02	.06		.01								.3
PEMBINA																										
RICHARDTON ABBEY								.05	.02		.01			.01	.01											.1
RIVERDALE											.01	.04	.01	.03	.04	.09		.02	.03		.06	.02				.3
ROLETTE															.02	.02	.03	.03	.15	.04	.01					.3
RYDER											.04	.01		.02	.01				.02							.1
SHEYENNE																			.05							.0
STANLEY									.02	.14		.03			.02	.02										.2
TROTTERS 3S						.01	.02	.02																		.0
WASHBURN WATER WKS												.06	.02		.02	.03	.05		.02	.01						.2
WATFORD CITY 11E								.02	.07	.01		.02	.01	.04			.04	.06		.02	.02					.3
WILLISTON WB CITY								.01					.01									.01				.0
										*																
													-23d-													
OEVILS LAKE WB CITY		.01			.01																					.0
GRACE CITY			.02	.01																						.0
GRAND FORKS CAA	//	.01	.02	.04	.02																					.0
RYDER																					-	-	-	-	-	-
													-24th-													
ANTLER														.02	.01	.01	.04	.01	.02							.1
BALFOUR														.03	.03	.02	.02	.01	.02	.01						.1
BEACH											.04	.04	.03	.01												.1
BEULAH													.02	.04	.06	.01	.02	.01						.01	.01	.1
BISMARCK WB AIRPORT													.01		.07	.03	.02	.01								.0
BREIEN																		.03	.02							.0
BUCHANAN																		.02	.02	.01						.0
CANDO																.01	.01			.01		.01	.01			.0
CARSON														.01	.02											.0
CROSBY												.03	.04	.01	.02											.0
DAWSON														.01		.01	.02	.01	.01	.02	.01				.01	.0
OEVILS LAKE WB CITY																			.01							.0
OICKINSON CAA							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
EDGELEY EXP FARM																.02	.01	.02								.0
ESMONO														.01	.02	.01		.01	.01		.01					.0
FORT YATES																					.01	.01	.01	.01		.0
FRYBURG											.02	.06	.02	.03	.01											.0
GLEN ULLIN												.01	.01	.05	.03	.02										.0
GOLVA 1 S E														.02												.0
GRACE CITY																					.01			.01		.0
GRANO	//													.03	.03	.02	.01	.03								.0
GRASSY BUTTE											.02	.05	.04	.03												.0
HALLIDAY														*	*	*	*	.15								.0
HAZELTON R R STATION	//															.03	.04	.01	.01	.03						.0
JAMESTOWN CAA	//																.02	.02		.01						.0
KENMARE										.01	.02	.02	.03	.02	.02	.01	.04	.01								.0
KRAMER 5 SE																.01	.02	.01	.01							.0
MANDAN EXP STATION													.02	.02	.05	.02	.01									.0
MANNING												.03	.09	.07	.02		.02	.01		.01						.0
MC GREGOR RR STATION												.02	.02	.02	.02	.01	.03		.01							.0
MEDORA											.01	.06	.03	.02	.01											.0
MELVILLE															.01	.02	.02	.02	.01							.0
MINOT CAA	//													.02	.02											.0
NORTHGATE											.01	.02	.02	*	*	*	*	*	*	*	*	*	*	*	*	.0
OAKES		*	*	*	*	*	*	*	*	*	*	*	*				.02	.03	.01		.01					.0
PETTIBONE																	.01	.01	.02	.01						.0
RICHAROTON ABBEY													.09	.05	.01		.01	.01	.02	.01					.01	.0
RIVEROALE														.03	.04	.07	.06	.01	.01	.01					.03	.0
ROLETTE															.02	.02	.01									.0
STANLEY									.01	.01		.03	.08	.05	.04	.02	.01									.0
TROTTERS 3S											.03	.02	.04	.01												.0
WASHBURN WATER WKS															.03	.03	.03	.01	.02	.02						.0
WATFORD CITY 11E									.02	.01		.02	.01	.01	.02											.0
WILLISTON WB CITY								.01	.03	.03	.04	.04	.05	.01	.01											.0
													-25th-													
AMIDON																									.04	.0
ANTLER															.01	.03	.03	.02	.03	.03	.02					.0
BALFOUR											.02	.05	.01				.01									.0
BEACH			.02	.02	.01			.02																.02	.05	.0
BEULAH					.01	.02	.03	.02																		.0
BISMARCK WB AIRPORT				.01			.01																			.0
BUCHANAN									.01	.04	.04	.01			.02	.04	.04	.02	.01							.0
CANOO																										.0
CARSON					.01	.02																				.0
CROSBY												.02	.03													.0
DAWSON		.01						.01	.02	.04		.01	.03	.02												.0
OEVILS LAKE WB CITY																										.0
OICKINSON CAA		*	*	*	*	*	.17												.01	.01						.0
EDGELEY EXP FARM																										.0
ESMONO										.01	.02	.03	.01													.0
FARGO WB AIRPORT												.03	.02													.0
FRYBURG			.01	.02	.01																.01	.02				.0
GLEN ULLIN																									.03	.0
GOLVA 1 S E																										.0
GRACE CITY		.01	.01								.01	.04	.01													.0
GRAND FORKS CAA	//													.06	.01							.01				.0
GRANO	//								.02	.01			.02	.03										.03	.04	.0
GRASSY BUTTE				.01	.01	.03	.05																		.01	.0
HALLIDAY																										.0
HANNAFORO											.05	.03	.02													.0
HAZELTON R R STATION	//					.02	.01	.02	.01																	.0
HUROSFIELO				.02	.02	.01	.01	.01		.02	.01								.01			.01	.01	.02		.0
JAMESTOWN CAA	//								.01	.07	.03			.02												.0
KENMARE								.01	.02			.01	.04	.02	.01											.0
KRAMER 5 SE												.01	.02													.0
MANNING						.05																		.04	.02	.0
MARMARTH M O U CO																										.0
MC GREGOR RR STATION										.02			.01										.01	.01	.05	.0
MEODRA			.01	.02										.01												.0
MELVILLE		.02	.02								.03	.01		.01												.0
MINOT CAA	//											.01	.02													.0
MOTT			.02	.01				.02	.01							.02	.06	.07	.04	.02	.02					.0
NORTHGATE											.01	.01														.0
PETTIBONE										.03	.02	.01														.0
RICHAROTON ABBEY		.01			.02			.01																		.0
RIVEROALE							.01		.01	.04	.01								.08	.06	.01					.0
ROLETTE																										.0
RYDER		-	-	-	-	-	-	-	-	.03	.04	.01														.0
SHEYENNE											.05	.06	.02	.02												.0

See Reference Notes Following Station Index

HOURLY PRECIPITATION

Station		A. M. Hour Ending												P. M. Hour Ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
NLEY												.04	.01													.05
TTERS 3S										.01		.02											.05	.07		.12
PETON POWER PLANT									.07	.01	.01	.01												.01		.04
HBURN WATER WKS									.02	.01																.10
FORD CITY 11E																										.03

DAILY TEMPERATURES

NORTH DA
SEPTEMBER

Table 5

Station		Day Of Month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7SW	MAX	68	73	64	70	65	76	70	79	72	76	68	61	69	62	65	77	79	83	77	63	56	56	52	43	55	51	42	55	75	83	
	MIN	55	51	52	52	50	49	51	47	50	55	50	42	47	43	39	42	44	48	51	42	36	35	32	29	34	33	24	21	43	49	
AMENIA	MAX	72	67	74	70	69	75	76	72	77	75	78	64	63	67	63	76	72	85	81	68	57	61	52	50	50	48	47	47	64	79	
	MIN	53	52	52	53	53	51	45	57	56	54	48	51	48	47	45	37	44	46	44	52	42	35	33	25	36	41	37	30	38	33	
AMIOON	MAX	66	74	73	61	67	61	71	67	74	68	78	61	58	62	65	61	74	76	69	54	50	51	51	47	47	56	41	40	59	73	
	MIN	53	46	50	45	46	43	46	43	46	42	50	35	45	38	38	42	46	46	49	35	34	36	33	29	30	29	20	21	32	49	
ARVILLA STATE PARK	MAX	58	65	74	63	66	72	76	71	76	72	72	64	58	62	61	74	83	81	78	68	55	58	52	48	43	48	43	46	59	78	
	MIN	49	50	41	50	53	51	46	60												45	40	32	32	24	34	37	36	27	29	34	
BEACH	MAX	64	71	71	67	65	62	72	68	72	68	77	59	59	62	58	63	73	78	79	68	53	51	51	48	41	60	40	40	58	74	
	MIN	54	42	47	45	45	47	47	48	48	43	44	37	47	39	38	34	39	39	40	47	36	35	30	32	31	35	22	22	25	37	
BELCOURT INDIAN RES	MAX	63	65	65	66	64	73	73	66	67	71	65	60	57	59	52	73	72	78	68	60	45	48	42	38	33	41	40	45	57	76	
	MIN	49	46	37	50	46	47	45	45	46	48	46	37	46	41	35	34	34	45	42	36	34	26	30	20	20	31	30	30	32	34	
BELFIELD	MAX	70	70	65	66	67	73	73	74	67	77	67	60	63	67	63	69	77	78	69	59	51	51	41	43	55	49			69	80	
	MIN	51	44	51	46	44	43	43	44	46	45	40	35	45	45	39	35	39	38	48	44	36	33	31	28	31	31	21	39	37	35	
BISBEE	MAX	61	65	71	69	65	72	77	68	68	71	65	62	60	60	60	73	72	79	70	61	46	52	45	40	37	44	40	46	60	78	
	MIN	50	50	42	51	50	52	45	47	50	53	49	42	47	39	37	37	40	48	45	41	36	31	32	23	24	34	34	29	32	40	
BISMARCK WB CITY	MAX	67	72	70	64	69	67	76	70	72	72	75	68	62	61	61	63	75	78	82	74	62	54	52	49	43	58	47	41	56	83	
	MIN	55	55	55	55	54	50	54	57	52	56	55	45	50	45	42	38	42	42	48	52	38	35	33	29	36	39	32	22	34	38	
BISMARCK WB AIRPORT	MAX	74	71	66	71	67	77	74	71	73	74	70	62	62	64	63	76	77	83	78	65	55	52	49	44	60	49	42	56	72	83	
	MIN	56	56	55	55	52	47	50	56	51	55	49	44	50	43	41	37	40	40	46	43	39	31	29	28	36	35	25	19	41	37	
BOTTINEAU	MAX	56	64	65	64	67	66	73	74	70	66	69	62	61	59	58	59	74	73	78	64	56	50	49	41	38	43	40	42	48	60	
	MIN	51	48	48	53	49	47	49	49	45	52	53	40	44	39	39	35	42	41	48	37	35	31	29	24	22	29	32	28	33	35	
BOWBELLS	MAX	67	65	66	63	66	68	76	75	75	64	74	60	59	61	56	62	74	77	80	68	50	50	52	41	39	38	38	36	50	71	
	MIN	52	49	49	52	44	46	48	49	52	46	49	40	45	40	37	38	39	43	50	41	34	31	26	23	24	28	27	26	29	39	
BOWBELLS SE	MAX	59	63		63	64	67	73	74	70	64	71	59	59	60	56	60	72	75	76	65	50	49	51	39	36	37	39	36	50	70	
	MIN	50	49		49	44	41	50	50	52	46	47	41	39	40	36	38	39	45	47	41	35	32	27	24	24	28	27	26	25	37	
BOWMAN COURT HOUSE	MAX				65	62	71	71	76	67	78	76	53	62	61	61	74	77	77	75	64	51	55	49	54	56	56	39	58	73	81	
	MIN				45	46	42	46	43	44	41	46	32	44	39	36	33	42	40	47	43	35	33	35	31	30	34	21	22	40	43	
BUTTE	MAX	69	66	62	68	65	73	75	80	71	72	67	62	62	60	62	75	75	82	74	65	51	52	50	45	47	49	38	54	67	80	
	MIN	52	49	51	54	49	50	55	51	55	53	50	42	41	43	31	41	42	50	51	46	34	35	38	28	32	31	30	23	34	47	
CARRINGTON	MAX	58	65	69	70	70	61	79	75	74	73	71	69	69	61	62	63	75	75	82	74	65	45	58	45	47	46	48	41	49	65	
	MIN	44	46	46	46	46	48	50	55	49	50	49	44	42	41	40	38	37	43	42	47	36	31	34	25	30	31	31	25	28	36	
CARSON 2 S W	MAX	68	72	65	70	65	63	70	80	72	80	77	61	62	60	63	76	78	82	77	62	57	57	50	42	60	50	44	59	62	85	
	MIN	52	50	52	52	50	42	48	55	47	55	51	40	44	40	38	36	41	44	50	49	35	32	35	29	35	33	26	19	42	48	
CAVALIER	MAX	65	73	75	69	67	72	78	73	75	72	74	65	60	60	65	75	72	81	72	72	54	57	52	42	42	45	45	45	52	77	
	MIN	51	46	43	46	55	55	43	47	52	52	46	45	49	43	45	44	43	44	43	43	40	33	35	24	19	34	33	30	31	33	
CENTER	MAX	72	72	68	69	67	73	73	78	70	72	69	68	64	62	61	74	76	80	72	69			47	47	55	50	38	53	67	81	
	MIN	54	52	51	49	45	43	45	48	50	53	48	41	46	40	42	34	36	41	42	47	36	33	37	29		36	20	17	41	37	
COOPERSTOWN	MAX	58	64	68	64	66	72	76	71	75	72	73	65	60	62	61	73	72	81	75	65	53	58	49	48	45	50	42	46	62	80	
	MIN	49	48	50	55	51	48	46	53	50	52	51	47	47	44	43	36	40	45	42	47	39	30	38	24	34	39	35	25	37	36	
CROSBY	MAX	68	67	62	65	69	75	76	75	68	75	69	59	63	56	64	75	79	81	76	59	49	52	47	40	41	41	35	52	72	77	
	MIN	51	45	48	47	45	46	48	52	53	52	46	42	46	40	41	37	42	45	47	39	32	34	27	27	25	32	27	25	33	40	
DEVILS LAKE W B CITY	MAX	64	65	69	66	66	73	76	67	72	70	67	62	59	60	60	73	72	80	73	64	45	57	45	43	43	45	43	45	59	80	
	MIN	50	48	45	54	50	50	50	52	52	52	50	44	47	42	39	41	41	51	50	42	35	35	30	25	33	35	33	31	36	44	
DICKINSON CAA	MAX	70	70	63	67	62	72	65	78	68	78	62	56	63	59	61	74	77	81	70	59	53	53	46	45	52	51	40	58	73	81	
	MIN	50	46	52	49	46	45	48	46	49	48	42	40	43	40	37	40	44	45	52	39	36	36	33	29	33	31	23	22	41	44	
DICKINSON EXP STATION	MAX	64	70	71	64	67	64	74	68	77	68	77	63	65	62	60	62	75	77	80	72	59	54	55	48	45	53	42	41	57	73	
	MIN	52	45	51	49	47	42	46	46	47	48	48	38	45	40	41	36	36	38	46	41	36	33	32	30	32	36	25	22	29	37	
DRAKE	MAX	56	75	65	62	68	65	74	75	72	70	72	66	62	62	61	62	75	74	81	72	60	51	53	45	40	42	42	40	50		
	MIN	52	51	55	55	51	49	51	50	52	54	53	42	47	41	37	40	42	50	52	45	37	34	32	29	33	33	33	25	32		
DUNN CENTER	MAX	59	72	69	66	67	65	75	73	77	73	78	65	59	61	59	64	76	78	82	71	57	55	53	47	41	51	46	39	55	74	
	MIN	52	50	52	50	47	44	47	42	48	50	52	38	39	40	38	32	33	37	41	47	36	33	29	32	33	34	26	20	23	35	
DUNSEITH ST SANITARIUM	MAX	65	67	68	66	64	73	73	69	64	70	66	60	53	58	57	72	71	76	69	61	47	49	44	37	34	41	39	47	59	76	
	MIN	51	51	45	53	49	51	46	48	47	52	52	38	46	42	36	33	40	42	50	39	35	31	29	24	25	32	31	30	33	37	
ECKMAN	MAX	62	65	68	66	69	68	75	77	77	68	72	65	63	62	67		75	75	80	70	56	53	52	48	37	46	40	42	50	68	
	MIN	52	51	49		48	47	45	45	50	49	50	40	45	43	40	34	38	42	45	37	34	35	34	20	21	28	32	25	29		
EDGELEY EXP FARM	MAX	63	65	65	67	63	66	75	75	70	75	74	73	65	65	66	63	75	74	82	71	65	58	59	47	47	54	54	42	53	68	
	MIN	50	45	42	53	48	47	45	47	50	53	43	45	45	43	41	40	39	42	40	45	35	28	34	23	27	35	33	22	30	40	
EDMORE 1 W	MAX	60	63	70	67	67	72	75	66	72	69	68	63	60	60	61	73	70	80	72	66	48	55	47	47	37	45	41	44	57	78	
	MIN	48	46	40	50	50	45	42	48	48	48	46	42	45	45	37	35	34	44	45	37	37	25	34	20	21	32	32	26	31	34	
ELBOWOODS	MAX		70	65	70	66	75	77	79	62	74	64	60	61	60	62	76	77	82	77	60	55	54	59	41	46	41	38	51	72	84	
	MIN		54	50	50	46	45	44	48	47	53	50	37	47	40	40	30	36	37	44	43	36	29	39	31	32	36	28	21	37	36	
ELLENDALE	MAX	64	70	68	65	67	75	75	73	74	70	71	65	66	66	62	75	75	84	75	73	67	61	53	49	57	56	44	55	69	82	
	MIN	52	50	49	56	48	49	47	55	54	55	49	48	47	45	44	37	44	42	44	43	37	31	39	28	38	41	36	24	39	41	
EPPING	MAX	69	72	71	64	69	77	76	75	74	79	72	61	65	57	65	77	81	82	73	68	52	55	45	42	45	44	35	54	73	80	
	MIN	53	48	52	48	44	44	49	49	51	50	46	36	45	39	39	36	40	43	48	41	32	37	23	31	27	32	25	25	35	34	
FARGO WB AIRPORT	MAX	61	68	73	70	68	73	75	71	76	75	78	65	63	66	61	76	69	85	81	62	50	60	49	50	50	52	44	46	62	76	
	MIN	47	54	47	53	53	50	46	59	58	54	50	51	50	49	42	38	40	45	45	45	43	34	29	25	38	38	31	29	41	40	
FESSENDEN	MAX	66	64	66	67	66	69	75	69	68	71	67	60	60	61	61	72	76	78	69	65	49	56		50	46	47	42	48	63	78	
	MIN	53	50	49	55	49	48	52	51	49	50	52	48	46	40	38	39	46	49	44	46	36			28	32	36	33	27	35	46	
FORMAN	MAX	65	69	69	65	69	77	77	72	74	72	77	67	65	68	64	75	73	84	77	68	61	61	53	53	52	54	44	58	69	82	
	MIN	51	49	47	49	53	48	45	56	52	53	49	49	48	43	44	34	41	42	44	51	37	30	38	27	38	41	39	25	42	32	
FORT YATES	MAX	72	70	65	70	68	75	68	74	76	75	70	63	66	65	70	78	84	82	78	65	54	59	50	48	52	52	45	56	70	83	
	MIN	52	52	50	56	51	49	47	58	52	54	55	46	50	44	40	35	36	38	44	42	37	37	38	29	38	39	32	17	44	40	
FOXHOLM WILDLIFE REF	MAX	56	74	67	69	67	75	77	78	67	74	73	62	62	61	62	74	76	79	76	67	52	52	51	41	40	42	40	53	70	80	
	MIN	50	50	50	52	50	51	48	45	54	51	53	44	48	45	42	44	42	50	47	45	38	31	33	24	22	36	31	22	37	48	
FULLERTON	MAX	65	66	69	69	67	76	74	72	76	72	72	64	66	66	63	75	72	83	77	67	56	60	52	49	53	54	43	53	68	81	
	MIN	53	52	49	54	55	52	54	55	54	55	54	49	48	44	44	40	42	43	43	56	38	38	40	27	37	40	36	23	39	38	

See Reference Notes Following Station Index

DAILY TEMPERATURES

ble 5 - Continued

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KLF	MAX	69	70	69	68	67	75	75	72	74	72	70	65	63	64	63	73	74	84	75	65	53	59	50	48	54	52	43	54	69	81		65.7
	MIN	49	50	49	48	47	47	48	52	54	52	54	49	48	47	47		45	42	49	48	36	29	27	26	34	37	34	26	40	41		43.1
RISON	MAX	72	67	67	69	66	75	75	77	70	72	65	61	61	59		75	76	80	72	59	54	52	45	39	51	45	35	53	70	81		63.4
	MIN	53	54	53	52	47	48	50	50	50	54	45	41	46	41	39	39	41	45	48	38	34	35	31	31	33	34	30	23	41	42		42.2
ETON STATE SCHOOL	MAX	61	66	72	71	69	72	75	72	76	73	75	73	64	61	62	76	75	82	81	68	64	55		47	41	47	44	44	59	77		65.6
	MIN	48	50	42	44	53	50	41	10	53	50	48	46	48	46	42	42	40	42	44	42	40	32		27	21	35	34	28	28	34		41.4
NO FORKS CAA	MAX	60	66	75	64	66	71	78	72	78	73	74	64	58	62	61	76	74	82	78	66	50	60	47	49	47	49	44	43	58	78		64.1
	MIN	51	52	43	54	55	51	45	54	52	53	50	49	50	48	44	41	38	49	48	45	40	35	30	25	34	37	32	31	37	37		43.7
NO FORKS UNIVERSITY	MAX	70	65	76	69	66	71	75	75	75	75	73	64	59	62	61	73	66	81	77	66		57		49	44	48	47	43	57	76		65.0
	MIN	50	52	44	54	54	52	45	45	58	54	51	48	49	47	42	40	41	49	49	47	40	36	38	24	28	38	35	30	35	36		43.7
NO RAPIDS 1N	MAX	64	68	77	67	69	76	76	71	76	73	72	66	66	67	68	76	76	85	78	68	52	62	52	48	53	54	45	54	69	81		67.0
	MIN	51	53	44	55	47	47	41	53	50	53	48	48	49	43	42	37	42	48	40	47	40	39	40	22	36	41	39	20	39	34		42.9
NVILLE	MAX	68	65	62	69	69	74	76	74	69	76	69	62	62	58	62	76	75	81	73	64	53	57	57	40	45	47	42	52	66	83		64.2
	MIN	52	49	52	55	50	49	51	48	56	53	55	40	46	43	37	40	39	49	49	43	35	35	29	24	26	36	32	25	35	44		42.6
NORA	MAX	70	69	66	61	69	78	74	76	69	78	67	65	65	56		78	80	82	79		51	54	45	39	43	44	35	54	71	76		64.1
	MIN	51	47	51	46	43	40	48	51	50	51	46	47	45	40	39	40	41	47	49	35	35	35	26	25	23	32	25	25	34	39		40.2
KINSON R R STATION	MAX	65	62	62	71	71	73	75	75	70	73	73	80	64	64	68	60	75	70	83	80	58	48	62	50	49	52	56	45	51	53		64.6
	MIN	49	50	56	48	55	50	45	50	58	54	49	50	50	47	44	42	42	43	45	51	40	35	36	30	31	39	38	30	33	37		44.2
NAH	MAX	59	68	72	64	66	70	71	69	70	69	69	62	59	59	60	72	70	78	70	62	45	53	44	40	35	42	40	44	57	78		60.6
	MIN	50	45	47	49	49	48	49	47	49	48	48	39	47	41	35	37	36	41	43	35	36	29	31	20	18	33	32	22	32	37		39.1
SBORO	MAX	63	67	67	68	64	70	75	66	70	73	66	64	60	60	60	73	75	79	71	62	46	51	43	38	34	40	38	44	59	78		60.8
	MIN	50	50	42	49	50	50	47	47	50	51	50	42	47	42	36	39	38	49	44	41	35	28	32	23	19	33	32	29	33	42		40.7
TINGER	MAX	71	72	62	67	62	71	65	79	69	78	71	58	64	60	61	75	77	78	72	58	51	55	49	58	51	50	42	59	75	82		64.7
	MIN	49	49	49	49	48	42	55	48	46	46	44	39	45	40	36	38	42	43	49	43	35	35	37	33	36	34	25	23	44	49		41.7
SBORO	MAX	63	65	74	66	68	73	76	70	78	71	80	65	60	65	65	75	69	85	81	67	53	60	48	50	45	50	43	42	62	78		64.9
	MIN	48	48	46	49	53	50	45	53	52	50	54	46	47	48	46	46	40	45	43	48	40	35	38	23	34	42	34	29	34	34		43.3
STOWN CAA	MAX	63	65	69	64	65	76	75	68	74	72	73	63	63	64	63	74	75	83	75	66	48	60	49	47	50	51	44	52	66	81		64.6
	MIN	49	48	47	55	50	49	44	52	52	51	49	48	49	43	42	39	38	45	43	42	33	30	25	23	34	37	30	25	40	38		41.7
STOWN STATE HOSP	MAX	64	64	68	70	68	75	82	72	76	70	72	68	68	61	63	73	74	83	77	66	52	62	50	48	51	51	42	52	66	84		65.7
	MIN	54	49	62	60	50	44	54	44	43	53	50	47	49	43	43	38	41	43	43	49	39	29	38	24	35	39	35	24	40	37		43.3
ARE	MAX	60	67	65	62	69	70	77	76	76	65	75	60	60	61	57	62	75	78	80	68	52	51	53	42	35	39	40	36	50	72		61.1
	MIN	52	49	51	51	45	47	52	51	53	48	50	41	45	43	39	40	41	43	51	42	35	35	28	28	25	29	28	26	27	36		41.0
AL WILDLIFE REFUGE	MAX	67	65	69	67	69	77	76	73	77	74	74	66	63	67	71	77	76	84	80	68	55	59	50	46	48	50	46	51	65	80		66.3
	MIN	52	46	43	55	49	49	45	52	50	49	49	45	47	42	41	39	35	45	44	45	36	27	27	21	33	39	32	28	37	37		41.3
DON EXP FARM	MAX	58	66	70	64	65	71	75	68	72	69	69	63	58	59	61	74	70	80	72	65	53	57	50	42	35	43	42	43	56	77		61.6
	MIN	48	49	39	51	49	46	45	50	56	46	49	40	46	41	36	35	35	41	47	38	36	30	32	19	20	31	31	28	31	37		39.4
MORE	MAX	57	64	73	65	68	73	75	76	78	72	75	63	58	63	62	74	70	81	80	68	56	57	58	45	46	48	43	45	60	79		64.4
	MIN	49	52	44	55	53	51	45	47	53	52	49	48	49	46	42	43	40	47	44	48	40	36	32	26	34	36	34	27	34	38		43.1
S	MAX	67	65	71	70	68	75	76	71	71	72	67	61	61	62	63	76	76	81	73	63	50	56	48	43	41	47	45	52	65	81		63.9
	MIN	46	47	43	51	49	49	50	49	50	52	50	40	45	38	37	39	36	48	50	42	37	32	34	23	27	36	32	30	35	45		41.4
ON	MAX	74	69	67	72	68	76	74	75	75	73	68	63	66	64	62	77	78	83	80	67	54	58	50	47	61	51	45	57	70	82		66.9
	MIN	55	55	52	53	48	44	52	56	51	55	52	44	48	41	41	32	37	39	43	52	38	36	37	30	38	33	35	19	44	38		43.3
ON.	MAX	67		66	72	67	71	83	76	70	75	74	77	65	65	68	63	76	74	85	78	66	48	62	50	50	53	53	57	54			66.6
	MIN	49	48	43	52	52	48	41	47	55	53	47	50	48	44	44	32	38	41	40	42	40	29	39	22	27	38	37	25	33			41.5
WOOD 12N	MAX	65	64	61	64	66	74	73	72	65	73	65	58	60	55	61	73	76	78	68	62	48	50	42	37		40	33	50	71	78		61.4
	MIN	51	48	47	49	42	46	48	47	50	49	47	38	45	40	40	37	48	47	43	39	32	31	23	23		20	25	25	35	41		39.9
OCK AGR SCHOOL	MAX	68	63	69	68	67	74	77	68	71	69	67	61	60	61	62	74	75	80	73	64	48	56	48	41	43	46	44	48	61	80		62.9
	MIN	54	50	48	54	51	50	46	50	51	56	50	43	47	42	38	39	48	48	45	41	36	31	35	31	32	37	32	29	37	43		43.1
AN EXP STATION	MAX	61	72	70	65	70	67	75	73	72	73	73	69	62	62	62	64	74	76	81	75	62	53	54	47	42	58	47	40	55	71		64.2
	MIN	54	54	53	53	52	48	48	53	52	55	53	43	49	42	41	38	41	43	46	51	37	32	33	28	35	38	32	20	36	39		43.3
AN FT LINCOLN PARK	MAX	74	76	66	74	67	77	73	74	75	76	70	64	58	65	65	77	78	84	78	65	58	58	50	43	58	51	45	56	73	83		67.0
	MIN	53	54	53	54	53	50	49	56	50	55	52	43	48	43	40	36	40	43	46	47	35	32	32	28	35	38	23	19	43	38		42.9
ARTH	MAX	75	70	67	66		73	67	75	68	78	66	60	64	60	61	75	77	78	70		51	62	51	53	60	55		60	75	83		66.7
	MIN	52	56	51	47		38	50	45	48	46	48	35	50	38	38	30	35	34	44		38	35	38	36	34	33	24	25	39	39		40.2
	MAX	62	69	69	69	68	70	74	74	75	70	72	65	60	62	59	68	74	75	82	72	60	51	54	44	36	50	50	38	49	68		63.0
	MIN	52	54	49	52	48	48	48	50	50	54	54	42	45	40	37	36	43	44	46	46	34	34	32	28	32	33	29	25	33	42		42.0
ILLE	MAX	60	68	71	67	66	74	76	72	76	73	76	71	60	69	62	75	72	82	78	68	56	61	53	49	46	50	43	45	65	79		65.5
	MIN	51	52	49	54	55	51	47	55	54	51	50	50	48	48	45	41	40	49	48	49	42	35	38	25	36	39	36	30	37	38		44.8
LUSKY	MAX	72	67	64	69	64	73	71	71	71	71	67	60	61	59	61	73	72	80	78	66	50	51	47	42	50	48	37	52	67	79		63.1
	MIN	54	53	52	55	51	48	50	52	50	54	55	42	46	42	39	39	43	43	47	46	35	35	32	29	34	35	31		41	44		44.0
ENRY 5 N	MAX	60	63	66	63	66	72	75	66	73	70	69	62	58	61	60	72	71	80	69	64	48	57	47	46	44	47	42	47	60	80		61.9
	MIN	50	47	44	53	49	48	49	52	49	49	50	44	46	40	40	38	40	46	48	44	37	29	35	22	31	35	32	28	35	39		41.6
EOD 3 E	MAX	64	65	71	75	70	77	77	73	75	75	84	67	65	69	62	75	72	85	80	70	59	62	52	50	52	53	47	53	66	80		67.5
	MIN	48	53	44	55	53	47	42	57	56	52	48	50	48	44	43	35	57	43	44	50	40	30	43	24	38	40	26	25	39	36		43.7
RA 4 NNE	MAX	74	74	74	69	73	75	73	77	71	81	76	60	64	60	64	76	78	82	73	65	53	52	49	47	60	57	43	59	74	84		67.2
	MIN	54	52	51	47	48	37	40	46	52	42	48	42	49	43	43	31	33	33	47	47	39	30	33	30	33	36	25	19	40	33		40.1
T CAA	MAX	67	65	62	68	66	74	75	75	67	72	64	60	62	58	62	75	75	80	69	56	52	50	40	37	48	46	38	52	69	81		62.2
	MIN	53	50	52	51	48	50	53	50	52	54	49	43	47	44	40	43	44	52	45	40	36	36	28	27	27	33	31	26	35	48		42.9
T EXP FARM	MAX	68	65	67	67	65	74	74	75	69	72	64	61	62	59	63	75	75	80	74	60	62	51	54	37	43	48	38	51	69	78		63.2
	MIN	53	52	51	52	47	54	52	48	51	53	51	35	47	42	40	40	42	50	52	44	35	33	32	26	27	32	30	23	36	47		42.6
LL	MAX	66	66	67	69	70	77	75	77	67	72	65	62	63	58	63	76	76	81	69	56	55	51	44	38	38	41	44	50	72	80		62.8
	MIN	52	45	52	54	46	40	48	46	50	49	50	42	47	42	37	40	38	48	49	42	34	33	28	23	22	34	30	27	34	42		41.1
	MAX	68	74	66	69	62	74	68	78	69	78	65	57	62	59	62	73	76	80	71	63	54	55	49	49	56	52	42	57	75	83		64.9
	MIN	53	48	53	51	48	41	45	50	46	47	49	37	45	37	36	31	36	38	44	46	36	34	34	29	35	33	25	17	41	38		40.1
CH 4 SW	MAX	59	65	68	64	66	73	75	68	71	71	69	64	60	61	62	75	71	80	70	65	46	53	47	40	33	42	40	44	57	78		61.2
	MIN	51	47	41	51	47	46	45	49	49	49	50	40	46	40	36	34	36	44	46	37	36	28	32	20	21	32	31	22	32	36		39.1
LEON 1 SE	MAX	70	64	67	73	69	76	72	75	75	72	70	62	62	64	65	74	75	80	78	65	53	55	50	46	58	50	43	52	68	82		65.5
	MIN	54	51	48	55	51	49	48	52	52	55	51	45	47	41	42	39	38	45	44	49	37	29	36	25	35	40	33	17	41	40		43.0

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ENGLAND	MAX	71	72	63	67	62	73	65	77	69	79	63	57	62	63	62	75	77	80	70	59	53	53	48	50	54	53	41	57	75	82	
	MIN	53	46	52	49	47	41	43	48	47	46	47	37	46	37	36	32	39	39	46	45	36	35	34	29	33	33	23	18	40	42	
NEW SALEM 1 S	MAX	70	72	65	63	66	75	74	73	71	73	65	60	63	61	63	66	75	82	72	67	55	54	48	41	50				73	82	
	MIN	50	49	47	51	50	47	49	48	48	45	47	40	42	40	40	39	43	46	45	45	35	36	33	27	35	33			40	48	
OAKES	MAX	67	63	65	67	63	68	74	75	69	74	69	73	64	64	65	61	73	73	83	74	64	49	62	48	48	50	55	43	58	67	
	MIN	50	48	44	52	51	49	44	51	55	54	49	49	48	43	44	36	42	44	42	47	38	29	35	27	30	38	32	22	28	36	
PARK RIVER	MAX	67	67	69	71	68	71	76	72	75	72	73	68	62	62	62	76	72	82	79	69	59	56	59	45	40	47	45	44	57	79	
	MIN	48	52	46	50	43	53	48	50	55	52	49	47	50	47	43	43	39	43	44	46	40	32	37	26	23	36	36	30	31	37	
PARSHALL	MAX	72	66	66	68	68	77	76	78	69	75	70	62	61	61	65	78	80	83	72	65	56	54	46	39	43	45	35	53	71	80	
	MIN	53	53	50	50	45	45	49	49	49	51	51	48	46	38	39	32	35	38	44	39	35	32	31	25	28	31	29	22	37	39	
PEMBINA 2N	MAX	71	72	75	70	69	72	78	78	77	76	75	75	64	59	63	76	75	78	77	65	55	55	45	42	41	44	44	44	57	74	
	MIN	55	48	45	42	47	49	42	42	50	48	47	45	47	45	40	40	34	47	45	39	33	35	34	22	23	19	29	28	29	38	
PETERSBURG	MAX	59	67	69	66	68	72	75	70	75	71	63	72	56	61	62	73	72	80	71	67	56	57	48	43	45	46	43	44	58	78	
	MIN	48	51	47	53	50	47	47	52	51	50	50	45	44	42	39	37	38	46	50	43	38	30	36	23	31	30	33	24	31	38	
PETTIBONE	MAX	69	66	67	72	66	73	75	72	73	71	69	65	62	60	60	73	74	80	76	64	46	56	41	45	50	46	40	51	64	80	
	MIN	55	54	50	55	52	50	49	51	52	55	53	45	47	43	40	38	43	48	49	45	38	31	34	26	33	35	33	24	41	41	
PORTAL	MAX	61	66	66	64	65	69	77	75	73	63	73	56	59	61	56	62	73	77	78	67	48	49	50	40	43	36	39	35	51	71	
	MIN	50		47	57	42	47	49	49	51	47	53	38	39	41	40	39	39	48	49	41	32	34	25	26	25	28	27	27	32	34	
POWERS LAKE 1N	MAX	67	68	64	65	67	73	73	70	65	72	59	58	60	56	63	75	77	72	68	59	51	49	42	34	40	40	32	50	70	76	
	MIN	52	46	49	50	43	41	48	48	51	50	48	38	45	39	37	33	36	34	41	40	32	32	25	27	24	32	24	25	35	36	
RICHARDTON ABBEY	MAX	71	72	66	66	64	77	70	77	69	78	72	60	62	59	63	75	78	82	72	64	55	53	48	44	50	50	40	55	74	85	
	MIN	52	46	53	46	47	44	49	49	49	49	48	39	47	42	41	38	43	45	50	48	35	35	33	30	32	35	25	21	42	43	
RIVERDALE	MAX	72	69	61	68	66	73	74	75	70	72	65	60	60	58	63	74	75	80	71	59	53	52	46	38	52	48	38	53	68	82	
	MIN	54	54	52	51	49	49	50	50	51	53	51	43	47	43	44	38	41	42	47	44	41	34	33	31	32	34	30	22	40	41	
ROLLA	MAX	62	67	65	67	65	72	75	65	67	70	64	61	59	59	58	74	71	78		61	45	50	42	37	35	41	40	46	59	76	
	MIN	49	49	42	50	49	51	48	45	47	51	48	40	49	43	37	37	39		46	42	33	30	33	25	22	32	31	30	32	41	
RUGBY	MAX	67	66	68	68	65	74	76	73	69	68	67	62	60	60	59	74	74	80	78	71	51	52	50	39	39	39	41	49	63	80	
	MIN	53	48	50	54	51	50	50	50	50	53	54	41	47	42	37	37	41	46	50	43	37	36	32	24	25	38	32	29	38	41	
SANISH	MAX	62	74	69	67	68	68	77	78	77	70	78	62	60	63	58	64	78	78	81	69	59	53	55	45	38	45	44	36	54	77	
	MIN	54	52	52	51	49	44	41	46	48	53	54	41	43	41	40	32	32	38	41	41	35	30	29	29	26	32	29	24	24	41	
SHARON	MAX	57	63	68	61	68	72	74	73	74	74	73	62	58	63	62	74	73	81	75	66	50	56	48	49	44	49	44	46	60	78	
	MIN	47	48	50	54	52	42	49	50	52	50	55	52	47	45	40	40	42	49	52	43	38	32	26	24	34	37	34	24	34	40	
STANLEY	MAX	68	65	69	64	66	74	73	75	74	72	63	57	60	55	61	74	77	79	67	59	50	52	41	35	41	42	33	51	70	78	
	MIN	52	50	51	48	44	47	45	46	48	52	46	39	46	39	40	37	39	39	39	39	33	31	27	25	23	26	25	24	33	41	
STEELE	MAX	72	69	70	70	66	68	77	69	74	71	70	61	63	62	63	74	73	81	74	64	62	58	45	49	58	49	49	53	73	81	
	MIN	53	52	50	49	48	49	51	52	48	52	50	40	39	38	37	35	39	44	48	48	32	30	30	24	33	31	30	18	34	39	
TOWNER	MAX	68	72	69	64	69	77	77	72	70	72	67	63	61	62	62	76	80	82	72	62	52	63	53	40	44	47	48	50	65	80	
	MIN	52	49	51	48	50	57	54	48	49	47	53	39	45	44	33	35	39	38	34	44	34	35	28	20	24	34	25	34	35	42	
TURTLE LAKE	MAX	70	67	67	68	66	74	75	72	71	72	70	69	62	59	62	74	75	80	72	61	52	50	50	41	54	50	50	53	68	81	
	MIN	54	54	51	49	49	49	58	52	54	54	53	42	42	42	37	38	44	46	56	46	35	34	31	29	33	31	29	24	40	39	
UNDERWOOD 12 W	MAX	74	70	64	71	68	76	76	76	70	73	66	61	62	61	64	75	77	81	73	64	55	55	57	42	53	48	41	48	65	78	
	MIN	54	55	52	52	50	45	48	58	50	55	54	46	50	47	40	38	36	42	47	49	38	32	34	30	34	32	32	24		49	
UPHAM 3N	MAX	70	68	64	72	67	76	77	75	70	69	69	65	62	61	63	77	76	83	74	63	51	53	48	40	38	46	42	51	62	81	
	MIN	52	48	51	54	49	45	48	48	50	52	52	39	46	41	33	34	37	42	47	39	35	35	28	21	21	34	31	26	36	38	
VALLEY CITY	MAX	62	65	70	64	67	74	76	74	75	74	75	67	63	65	63	75	73	84	79	66	64	60	53	48	50	52	44	50	65	80	
	MIN	51	51	50	53	50	48	44	54	52	57	49	48	50	45	45	39	40	44	42	53	43	34	40	24	38	42	37	24	39	35	
VAN HOOK	MAX	72	67	65	68	68	76	75	77	69	75	70	60	62	60	64	77	78	81	77	65	53	53	46	36	44	42	36	55	70	80	
	MIN	54	54	53	50	48	46	49	47	50	53	50	40	48	39	40	34	37	42	48	43	31	33	28	28	28	36	29	25	37	43	
VELVA	MAX	64	64	63	66	64	72	73	73	68	69	65	60	62	59	61	74	72	78	70	62	52	51	48	40	47	48	40	52	65	78	
	MIN	54	57	54	52	50	49	49	49	53	55	54	42	47	42	40	41	40	49	49	45	36	35	33	27	30	35	32	25	39	48	
WAHPETON STATE SCHOOL	MAX	63	64	72	71	71	75	75	72	73	75	82	73	65	69	62	75	74	83	81	68	57	59	57	48	50	53	46	51	62	76	
	MIN	47	54	46	54	55	49	63	58	60	52	51	50	48	47	44	39	39	44	48	52	47	35	44	28	39	44	38	29	41	40	
WASHBURN	MAX	71	71	62	70	68	76	74	75	72	72	67	62	63	62	69	75	76	80	75	66	55	52	48	44	66	51	41	53	68	82	
	MIN	54	54	53	54	50	47	51	54	51	53	53	43	49	42	39	36	41	43	51	48	35	33	32	33	34	37	32	23	42	41	
WATFORD CITY	MAX	72	72	67	66	64	75	73	74	68	78	64	61	62	55	63	75	78	81	69	57	52	53	45	41	50	46	37	55	72	79	
	MIN	53	47	53	48	47	46	46	47	50	49	46	39	45	39	43	37	40	44	50	41	35	37	26	32	29	33	25	23	38	42	
WESTHOPE	MAX	68	67	64	68	68	75	75	69	70	64	63	61	60	61	62	75	75	80	70	56	53	48	43	35	39	47	38	48	66	75	
	MIN	45	49	51	50	48	48	49	50	50	55	40	46	40	41	33	35	40	44	48	40	34	35	26	24	22	32	30	27	36	39	
WILLISTON WB CITY	MAX	69	69	65	64	68	75	74	71	70	78	60	62	64	56	65	78	80	82	69	52	52	54	43	38	48	43	37	55	72	78	
	MIN	54	51	55	51	48	48	50	53	54	52	45	43	47	44	44	39	43	46	49	41	36	38	28	30	32	34	27	28	38	45	
WILLOW CITY	MAX	67	64	67	70	67	76	75	70	69	70	64	63	62	64	62	75	76	80	71	60	51	45		38	44	46	43	49	62	81	
	MIN	52	46	46	53	49	49	44	47	51	52	52	40	46	40	36	35	37	41	42	40	35	29		23	20	30	32	27	34	35	
WILTON RR STATION	MAX	58	68	67	62	66	64	72	70	71	69	70	66	59	60	58	61	72	72	78	72	59	51	51	44	40	56	43	36	51	68	
	MIN	50	52	51	52	49	47	48	51	50	52	52	41	44	40	37	37	43	44	49	48	33	29	32	29	32	34	30	21	24	41	
WISHEK	MAX	65	64	67	71		71	71	70	75	78	75	71	67	68	63	65		69	70	72	69	61	55	50	46	48	41	46	56		
	MIN	53	55	56	52		42	41	43	59	49	47	50	41	36	39	36		40	43	45	40	41	36	32	34	32		20		43	

Table 6 for this issue may be found on Page 149.

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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iston WB City	SNOWFALL																								T	T	T					
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See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
ADAMS 7 S	0022	WALSH	10	48 20	98 06	-		6P	MYRON J. BATA	3
ALEXANDER	0096	MC KENZIE	13	47 50	103 38	2200		6P	ARTHUR J. BAUMAN	3
ALMONT 7 SW	0136	MORTON	4	46 43	101 39	2300	7P	7P	HOGAN RAMSLAND	2 3 5 7
AMBROSE	0189	DIVIDE	12	48 58	103 28	2060		6P	JAMES A. DPPERUD	3
AMENIA	0196	CASS	11	47 00	97 13	960	'SS	SS	VIRGIL L. GEBEKE	2 3 5 7
AMIDON	0209	SLOPE	1	46 30	103 19	2910	8A	BA	TAFIELD ZUNDEL	2 3 4 5 7
ANTLER	0263	BOTTINEAU	12	48 58	101 20	1540		MID	W. H. WEGNER	3 4
ARVILLA STATE PARK	0369	GRAND FORKS	10	47 56	97 30	960	6P	6P	ALBERT THOREN	2 3 5
ASHLEY	0382	MC INTOSH	8	46 02	99 22	2025	8A	BA	SOO LINE AGENT	2 3 4 5 7
BALDHILL DAM	0450	BARNES	11	47 02	98 05	1300	8A	BA	F. A. JOHNSON	2 3 5
BALFOUR	0492	MC HENRY	12	47 57	100 32	1615		MID	RAYMOND E. MELLER	3 4
BALTA	0500	PIERCE	11	48 10	100 02	-		6P	FRANCIS E. BYKONEN	3
BANTRY	0516	MC HENRY	12	48 30	100 36	-		6P	TEMPLE K. ROBERTS	3
BEACH	0590	GOLDEN VALLEY	7	46 55	104 01	2814	6A	6A	HELEN TOBIAS	2 3 4 5 7
BELCOURT INDIAN RES.	0626	ROLETTE	9	48 50	99 45	1960	7P	7P	TURTLE MT. IND. AG.	2 3 4 5 7
BELFIELD	0639	STARK	4	46 52	103 11	2592	7P	7P	CARL INGERGAARD	2 3 5 7
BERTHOLD	0729	WARD	12	48 19	101 44	2080		6P	JOSEPH S. COX	3
BEULAH	0766	MERCER	6	47 16	101 47	1780		7P	KNIFE RIV. COAL CO.	3 4 7
BISBEE	0796	TOWNER	2	48 37	99 22	1600	6P	6P	ROBERT J. KRICK	2 3 5 7
BISMARCK WB CITY	0814	BURLEIGH	8	46 48	100 48	1670	9A	9A	U.S. WEATHER BUREAU	2 3 5 7
BISMARCK WB AIRPORT	0819	BURLEIGH	8	46 46	100 45	1650	MID	MID	U.S. WEATHER BUREAU	2 3 4 5 7
BOTTINEAU	0941	BOTTINEAU	12	48 50	100 27	1638	8A	BA	N. D. SCH OF FRSTRY	2 3 5 7
BOWBELLS	0961	BURKE	12	48 48	102 15	1953	8A	BA	FELIX L. ADAMS	2 3 5 7
BOWBELLS 5 E	0966	WARD	12	48 47	102 08	1925	8A	BA	DEVELOPMENT FARM	2 3 5 6
BOWMAN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2872	5P	5P	O. B. HOOK	2 3 4 5
BOWMAN 11 SE	0998	BOWMAN	3	46 04	103 19	-		6P	BERNARD L. GOMAGALA	3
BOWMAN 30 NNW	1001	SLOPE	8	46 35	103 31	-		6P	ROBERT L. HANSON	3
BREIEN *	1052	MORTON	1	46 24	100 57	1720		MID	FRANK E. POTTER	3 4
BUCHANAN	1124	STUTSMAN	5	47 04	98 49	-		MID	W. H. HENDRICKSON	3 4
BURT 16 N	1216	HETTINGER	1	46 36	102 08			6P	JACOB GRNEBELE	3
BUTTE	1225	MC LEAN	12	47 50	100 40	1880	5P	5P	FRED J. KLOKONOS	2 3 5
CANDO	1288	TOWNER	2	48 29	99 12			MID	HARRY E. HARRIS	3 4
CARRINGTON	1360	FOSTER	5	47 27	99 08	1579	7A	7A	SOO LINE AGENT	2 3 5
CARSON	1365	GRANT	4	46 25	101 34	2300		MID	VINCENT MUGGLI	3 4
CARSON 2 SW	1370	GRANT	4	46 23	101 35	2500	7P	7P	J. W. EVENS	2 3 5 7
CAVALIER	1435	PEMBINA	9	48 48	97 37	894	6P	6P	JOHN H. ERICKSON	2 3 5
CENTER	1456	OLIVER	8	47 07	101 18	2100	7P	7P	FRED L. HEINZ	2 3 5 7
COLGATE	1686	STEELE	10	47 14	97 39	1180		6P	JOHN P. BURCHILL	3
COLUMBUS	1696	BURKE	12	48 54	102 47	1930		6P	J. D. SUNDELL	3
COOPERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	5P	5P	R. J. LOCKNER	2 3 5
COURTENAY	1816	STUTSMAN	5	47 13	98 34	1523		5P	G. H. HANAWALT	3
CROSBY	1871	DIVIDE	12	48 54	103 18	1954	6P	6P	VERNON V. NICHOLS	2 3 4 5 7
DAWSON	2018	KIDDER	8	46 52	99 45	1730		6P	RALPH W. WISE	3 4
DEVILS LAKE WB CITY	2158	RAMSEY	2	48 07	98 52	1471	MID	MID	U.S. WEATHER BUREAU	2 3 4 5 6 7
DICKINSON CAA AP	2183	STARK	4	46 48	102 48	2587	MID	MID	U.S. CIVIL AERO ADM	2 3 4 5 7
DICKINSON EXP. STATION	2188	STARK	4	46 53	102 48	2460	7A	7A	LEROY MOOMAW	2 3 5 6
DONNYBROOK	2242	WARD	12	48 31	101 53	1760		6P	FRED E. FELONER	3
DRAKE	2298	MC HENRY	12	47 55	100 22	1634	BA	BA	PAUL KUNTZ	2 3 5
DUNN CENTER	2365	DUNN	6	47 21	102 37	2191	6A	6A	CHARLES C. NEUSTEL	2 3 5 7
DUNSEITH ST. SANITARIUM	2385	ROLETTE	12	48 50	100 02	2001	5P	5P	CLOSED - - - - -	9-17-51
ECKMAN	2472	BOTTINEAU	12	48 39	101 03	1500	7A	7A	SOO LINE AGENT	2 3 5
EDGELEY EXP. FARM	2482	LA MOURE	5	46 20	98 42	1568	8A	BA	N.D. AGRI. EXP. STA.	2 3 4 5 6
EDMORE 1 W	2525	RAMSEY	2	48 25	98 29	1524	7P	7P	MIKE DAVIS	2 3 5
ELBOWOODS	2570	MC LEAN	8	47 35	102 09	2082	6P	6P	M. W. CASE	2 3 5
ELGIN 5 S	2592	GRANT	1	46 21	101 49	-		6P	ART A. ESLINGER	3
ELLENDALE	2605	DICKEY	5	46 00	98 31	1460	8P	8P	PAUL GRESS	2 3 5 7
EPPING	2735	WILLIAMS	8	48 18	103 21	2224	6P	6P	T. BEACHLER	2 3 5
ESMOND	2767	BENSON	11	48 02	99 46	1650		MID	LYLE O. FERING	3 4
FAIRFIELD 8 N	2809	BILLINGS	7	47 19	103 12	2650		6P	MRS. EDITH LARSON	3
FARGO WB AIRPORT	2859	CASS	10	46 54	96 48	895	MID	MID	U.S. WEATHER BUREAU	2 3 4 5 7
FESSENDEN	2949	WELLS	5	47 39	99 37	1610	6P	6P	JOHN V. ZUBER	2 3 5
FLASHER	3009	MORTON	1	46 27	101 14	1930		BA	GEORGE M. SINCLAIR	3
FLAXTON	3019	BURKE	12	48 54	102 23	1940		6P	RALPH M. DUNHAM	3
FORBES 13 NW	3064	OICKEY	5	46 04	98 56	-		6P	THEODORE A. WINCH	3
FORMAN	3117	SARGENT	10	46 06	97 38	1249	6P	6P	ART WATERMAN	2 3 5
FORT YATES	3207	SIOUX	8	46 06	100 38	1640	5S	5S	STAND RK INDIAN AGY	2 3 4 5 7
FOXHOLM WILDLIFE REFUGE	3217	WARD	12	48 27	101 33	1609	5P	5P	U.S. WILDLIFE REFUGE	2 3 5 7
FRYBURG	3277	BILLINGS	4	46 53	103 18	2790		7A	HERMAN J. MAY	3 4
FULLERTON	3287	DICKEY	5	46 10	98 25	1439	6P	6P	P. O. ALIN	2 3 5
GACKLE	3309	LOGAN	5	46 38	99 08	1951	6P	6P	ALVIL HUMMEL	2 3 5
GARRISON	3376	MC LEAN	8	47 38	101 25	1911	MID	MID	ALBERT J. BEIRELE	2 3 4 5 7
GLADSTONE 22 N	3446	DUNN	6	47 11	102 39	-		MID	CLOSED - - - - -	8-23-51
GLEN ULLIN	3496	MORTON	4	46 49	101 49	2090		MID	FREDERICK J. ANHORN	3 4
GLEN ULLIN 13 N	3501	MERCER	6	47 00	101 47	-		6P	CHRIST SCHILLING	3
GOLDEN VALLEY 10 S	3529	MERCER	6	47 10	102 03	-		6P	ROBERT M. BACKFISCH	3
GOLVA 1 SE	3556	GOLDENVALLEY	7	46 47	103 57	2780		MID	U.S. CIVIL AERO ADM	3 4
GRACE CITY	3583	FOSTER	5	47 33	98 48	-		MID	IDA BONDERUD	3 4
GRAFTON STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 5 7
GRAND FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 25	834	MID	MID	U.S. CIVIL AERO ADM	2 3 4 5 7
GRAND FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	MID	7P	UNIVERSITY OF N. D.	2 3 5 7
GRAND RAPIDS 1 N	3665	LA MOURE	5	46 29	98 21	1380	6P	6P	ALBERT J. NESS	2 3 5
GRANO	3676	RENVILLE	12	48 37	101 35	1625		MID	OSWALD H. BJORNLIE	3 4
GRANVILLE	3686	MC HENRY	12	48 16	100 51	1504	7P	7P	FRED ROBLE	2 3 5 7
GRASSY BUTTE	3696	MC KENZIE	7	47 24	103 14	2660		MID	SAM CHARCHENKO	3 4
GRASSY BUTTE 10 N	3701	MC KENZIE	7	47 31	103 14	-		6P	EDSEL G. CRIST	3
GRENORA	3736	WILLIAMS	8	48 37	103 46	2114	5P	5P	L. D. NIELSON	2 3 5
HALEY	3836	BOWMAN	3	48 58	103 08	-		MID	J. E. CRAWFORD	3 4
HALLIDAY	3846	DUNN	6	47 21	102 20	2073		6P	JOHN KISSE	3 4
HANKINSON RR STATION	3908	RICHLAND	10	46 04	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
HANNAFORD	3926	GRIGGS	11	47 18	98 12	1428		MID	HELEN BENSON	3 4
HANNAH	3936	CAVALIER	9	48 59	98 41	1570	6P	6P	U.S. CUSTOMS OFFICE	2 3 5 7
HANSBORO	3963	TOWNER	9	48 57	99 23	1597	7P	7P	CHARLES E. DISHER	2 3 5
HARVEY 3 NE	4013	WELLS	11	47 45	99 53	1596		6P	H. J. REYNOLDS	3
HAYNES 6 NE	4079	ADAMS	1	46 01	102 24	2640		MID	BYRON B. BOBB	3 4
HAZELTON RR STATION	4083	EMMONS	8	46 29	100 17	1978		MID	EPHRAIN ZACHER	3 4
HETTINGER	4178	ADAMS	3	46 00	102 38	2680	6P	6P	FRED O. FORTHUN	2 3 5 7
HETTINGER 17 N	4186	ADAMS	1	46 15	102 39	-		6P	O. J. GERBRACHT	3 4
HILLSBORO	4203	TRAILL	10	47 24	97 04	901	6P	6P	ALFRED JAHNKE	2 3 5
HURDSFIELD	4343	WELLS	5	47 37	99 55	1915		MID	MRS. RUTH BUCHWITZ	3 4
JAMESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1497	MID	MID	U.S. CIVIL AERO ADM	2 3 4 5 7
JAMESTOWN STATE HOSPITAL	4418	STUTSMAN	5	46 53	98 40	1457	7P	7P	N.D. STATE HOSPITAL	2 3 5
KEENE	4571	MC KENZIE	8	48 00	102 55	-		6P	DONALD M. LUND	3
KENMARE	4646	WARD	12	48 40	102 05	1800	8A	8A	THEO E. ECKBERG	2 3 4 5
KENSAL WILDLIFE REFUGE	4656	STUTSMAN	5	47 15	98 52	1440	7P	7P	U.S. WILDLIFE REFUGE	2 3 5 7
KILLDEER 8 NW	4726	DUNN	7	47 26	102 53	2240		6P	LEONARD J. DAVIS	3 7
KRAMER 5 SE	4823	BOTTINEAU	12	48 39	100 37	1457		MID	PAUL A. KRETSCHMAR	3 4
KULM	4843	LA MOURE	5	46 18	98 57	1970		6P	JOHN STROEHL	3
LANGDON EXP. FARM	4958	CAVALIER	9	48 48	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5
LANSFORD	5002	BOTTINEAU	12	48 38	101 22	1600		6P	LOUIS SCHAEFER	3
LARIMORE	5013	GRAND FORKS	10	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
LEEDS	5078	BENSON	2	48 17	99 26	1515	7P	7P	JOHN FAGER	2 3 5
LEFOR 10 E	5086	STARK	4	46 38	102 21	2580		5P	JOSEPH LINK	3
LINTON	5210	EMMONS	8	46 16	100 14	1711	8P	8P	WILLIAM HEYERMAN	2 3 5
LISBON	5220	RANSOM	11	46 26	97 41	1091	7A	7A	ROBERT M. JOOSAAS	2 3 5
LITCHVILLE	5230	BARNES	11	46 34	98 11	-		6P	WILLIAM H. RUGH	3
LOSTWOOD 12 N	5320	BURKE	12	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
MADDOCK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	6P	6P	BENSON CY AGR SCHL	2 3 5
MANDAN EXP. STATION	5479	MORTON	4	46 48	100 54	1750	8A	8A	NO. G.P. FIELD STA.	2 3 4 5 6 7
MANDAN FT. LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
MARMARTH	5573	SLOPE	7	46 18	103 55	2714	6P	6P	S. P. GRANE	2 3 5
MARMARTH M O U CO.	5575	SLOPE	7	46 18	103 55	2710		MID	E. B. JESTNES	3 4
MARTIN	5610	SHERIDAN	11	47 50	100 07	1610		6P	JOHN W. MAGNUSON	3
MAX	5638	MC LEAN	8	47 49	101 17	2093	7A	7A	SOO LINE AGENT	2 3 5
MAYVILLE	5660	TRAILL	10	47 30	97 19	975	6P	6P	M. A. RAGAZ	2 3 5 7
MC CLUSKY	5710	SHERIDAN	8	47 29	100 29	1943	6P	6P	ELMER L. SCHIELKE	2 3 5 7
MC GREGOR RR STATION	5720	WILLIAMS	8	48 36	102 56	-		MID	MARTVIN HERMANSON	3 4
MC HENRY 5 N	5730	EDDY	11	47 38	98 35	1509	7P	7P	C. E. BLASKY	2 3 5 7
MC LEOD 3 E	5754	RICHLAND	11	46 2-	97 16	1075	7P	7P	J. G. CARLSON	2 3 5
MC VILLE	5764	NELSON	10	47 46	98 11	1467		6P	M. H. KNIEFEL	3
MEDINA 1 W	5798	STUTSMAN	8	46 53	99 19	-		6P	RUDOLPH GRAF	3

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
MEDORA	5803	BILLINGS	7	46 55	103 31	2270		MID	JAY J. EATON	3 4
MEDORA 4 NNE	5813	BILLINGS	7	46 58	103 30	2250	5P	5P	U.S. FOREST SERVICE	2 3
MELVILLE	5833	FOSTER	5	47 20	99 02	1625		MID	EDGAR S. STEGMEIER	2 3 4
MINOT CAA AP	5988	WARD	12	48 15	101 17	1724	MID	MID	U.S. CIVIL AERO ADM	2 3 4
MINOT EXP. FARM	5993	WARD	12	48 10	101 18	1720	6P	6P	N C AGRI EXP STA	2 3
MOFFIT 4 SE	6015	BURLEIGH	8	46 40	100 14	1760		5P	U S FISH & W L SERV	3
MOMALL	6025	RENVILLE	12	48 46	101 31	1639	9P	9P	IVER JOHNSON	2 3
MONTPELIER	6105	STUTSMAN	5	46 42	98 35	-		8A	ROLF HANSON	3
MOTT	6155	HETTINGER	1	46 23	102 20	2420	5S	5S	FORREST E. COFFING	2 3 4
MUNICH 4 SW	6195	CAVALIER	2	48 38	98 53	1598	7P	7P	HAROLD FELDNER	2 3
NAPOLEON 1 SE	6255	LOGAN	8	46 29	99 45	1955	7P	7P	GLADYS J. PETERSON	2 3 4
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2621	6P	6P	ANTON SELINGER	2 3
NEW ROCKFORD 7 WNW	6355	EDDY	5	47 43	99 16	1550		6P	RICHARD STEINBACH	3
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2163	6P	6P	WILLIAM F. GAEBE	2 3
NOONAN	6455	DIVIDE	12	48 53	103 01	1960		6P	GEORGE KOSTEK	3
NORTHGATE	6535	BURKE	12	49 00	102 16	1850		MID	U S CUSTOMS STATION	3 4
NORTONVILLE	6565	LA MOURE	5	46 33	98 44	-		6P	HENRY L. ERICKSON	3
OAKES	6620	D'CKEY	5	46 08	98 05	1320	8A	8A	MRS. E.CARRIE MURRAY	2 3 4
PARK RIVER	6857	WALSH	10	48 23	97 45	998	5P	5P	MARTIN SEVERSON	2 3
PARSHALL	6867	MOUNTRAIL	8	47 57	102 08	1929	6P	6P	C. E. SHUBERT	2 3
PEMBINA 2 N	6947	PEMBINA	10	49 00	97 14	790	4P	4P	U S CUSTOMS 6 IMMIG	2 3 4
PETERSBURG	7027	NELSON	10	48 01	98 00	1524	5P	5P	REV. ODEAN MONSON	2 3
PETTIBONE	7047	KIDDER	8	47 07	99 31	1860	7P	7P	L. H. DETHLOFF	2 3
PINGREE	7117	STUTSMAN	5	47 10	98 54	1572		6P	JERRY W. TANGNEY	3
PORTAL	7201	BURKE	12	49 00	102 33	1954	9A	9A	U S CUSTOMS SERVICE	2 3
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	7P	7P	HERBERT J. CLARK	2 3
PRETTY ROCK	7311	GRANT	1	46 11	101 51	-		6P	FREDA LEER	3
RAUB	7405	MC LEAN	8	47 44	102 04	-		MID	ALVIN LARSON	3 4
REEDER	7450	ADAMS	3	46 06	102 57	2810		6P	HENRY A. DONNER	3
REEDER 14 N	7452	SLOPE	1	A6 19	102 57	2860		8A	CHAS. M. METZINGER	3
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2467	5P	5P	ASSUMPTION ABBEY	2 3 4
RIVEROALE	7585	MC LEAN	8	47 30	101 21	1910	8P	8P	CORPS OF ENGINEERS	2 3 4
ROLETTE	7655	ROLETTE	12	48 40	99 50	1625	MID	MID	GEORGE F. GEMRES	3 4
ROLLA	7664	ROLETTE	9	48 52	99 37	1860	7P	7P	THEO B. FAGERLUND	2 3
RUGBY	7704	PIERCE	12	48 22	100 00	1560	6P	6P	FRANK HORNSTEIN	2 3
RYDER	7749	WARD	8	47 55	101 40	2108		6P	S. C. SCHELLENBAUM	3 4
SANISH	7834	MOUNTRAIL	8	47 59	102 32	1835	7A	7A	M. J. BUGGE	2 3
SARLES	7844	CAVALIER	9	48 57	99 00	1585		MID	CLARENCE J. OLSON	3 4
SCRANTON	7932	BOWMAN	3	46 09	103 09	-		6P	HENRY M. SOEHREN	3
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	2183		7P	L. E. WILSON	3
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 A9	-		7P	G. E. BURY	3
SHARON	7986	STEELE	10	47 36	97 54	1516	8P	8P	HUGH LYON	2 3
SHERWOOD 3 N	8047	RENVILLE	12	48 00	101 38	1647		6P	U S CUSTOMS SERVICE	3
SHEYENNE	8057	EDDY	11	47 50	99 07	1500		MID	PEHR A. PETERSON	3 4
SHIELD	8065	GRANT	1	46 1A	101 D7	-		6P	EDWIN O. CARLSON	3
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	7P	7P	LEROY EDWARDS	2 3 4
STEELE	8366	KIDDER	8	46 51	99 55	1857	8P	8P	LEON V. LESHER	2 3
SYKESTON	8608	WELLS	5	47 28	99 24	1653		6P	WILLIAM R. EVANS	3
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		6P	GEORGE N. PILGARD	3
TIOGA	8737	WILLIAMS	8	48 24	102 56	2279		6P	L. A. SIMON	3
TOLLEY 4 NE	8764	RENVILLE	12	48 46	101 47	-		6P	CARMIE NELSON	3
TOWNER	8792	MC HENRY	12	48 21	100 24	1482	7P	7P	AUGUST B. RIEDER	2 3
TROTTERS 6 WNW	8807	MC KENZIE	13	47 21	104 01	2420		5P	WALTER GRUNEWALD	3
TROTTERS 3 S	8812	GOLDENVALLEY	13	47 17	103 54	2420		MID	JOHN O. NELLERMOE	3 4
TURTLE LAKE	8840	MC LEAN	8	47 31	100 53	1899	5P	5P	ART KLUNGTVEDT	2 3
TUTTLE 8 SW	8850	KIDDER	8	47 02	100 04	1936		8P	ADAM LENO	3
UNDERWOOD 12 W	8877	MC LEAN	8	47 26	101 24	1750	6P	6P	MRS. F. W. MATTOON	2 3
UPHAM 3 N	8913	MC HENRY	12	48 37	100 44	1425	5P	5P	U S WILDLIFE REFUGE	2 3
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	6P	6P	MISS I.C.ROBERTSON	2 3
VAN HOOK	8970	MOUNTRAIL	8	47 57	102 21	1864	9P	9P	ERWIN A. WENTSCH	2 3
VELVA	8990	MC HENRY	12	48 03	100 55	1511	6P	6P	OSCAR ANDERSON	2 3
VERONA	9035	LA MOURE	5	46 22	98 04	-		10A	LOUIS J. BRANDSON	3
WAHPETON POWER PLANT	9095	RICHLAND	10	46 17	96 36	-		MID	VICTOR BURTON	3 4
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	5P	5P	ST SCH OF SCIENCE	2 3
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		6P	FELIX A. GASTONQUAY	3
WARWICK	9185	BENSON	11	47 51	98 42	-		6P	M. S. STINSON	3
WASHBURN	9195	MC LEAN	8	47 17	101 02	1731	6P	6P	FRED KRAUSE	2 3
WASHBURN WATER WORKS	9205	MC LEAN	8	47 17	101 02	1730		MID	WASHBURN WATER WKS	3 4
WATAUGA 8 N S. OAK.	9219	GRANT	1	46 02	101 34	-		6P	JOHN C. SPICER	3
WATFORD CITY	9233	MC KENZIE	8	47 48	103 17	2084	8P	8P	J. C. ZELLER	2 3
WATFORD CITY 11 E	9238	MC KENZIE	8	47 47	103 02	-		MID	IDA PETERSON	3 4
WATFORD CITY 20 SE	9246	MC KENZIE	8	47 35	103 07	-		6P	MRS. AGNES MURRAY	3
WESTHOPE	9335	BOTTINEAU	12	48 55	101 01	1508	6P	6P	REV. R. CAREY	2 3
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		6P	JONATHAN WINKJER	3
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 35	1877	MID	MID	U S WEATHER BUREAU	2 3
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1471	8P	8P	O. M. SANDERSON	2 3
WILTON RR STATION	9455	MC LEAN	8	47 39	100 46	2159	8A	8A	SOO LINE AGENT	2 3
WISMER	9515	MC INTOSH	8	46 16	99 34	2010	8A	8A	M. M. LARSON	2 3
WOODWORTH S E	9575	STUTSMAN	5	47 09	99 12	-		6P	JOHN ROHRER	3
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		6P	OLA SEVERTSEN	3
NEW STATIONS										
MEDORA 11 N	5818	BILLINGS	7	47 04	103 32	-		6P	G. E. MESCHKE	3
MANNING	5519	DUNN	6	47 14	102 46	-		MID	DONALD JEFFERIES	3 4
SAN MAVEN	7824	ROLLETTE	12	A8 50	100 02	2001	6P	6P	N. DAK. STATE HOSP.	2 3

DRAINAGE CODE: 1. CANNONBALL 2. DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED 11. SHEYENNE 12 SOURIS 13. YELLOWSTONE

REFERENCE NOTES

four digit identification numbors in the index number column of tbe Station Index are aesigned on a etats baeis. There will he no duplication of numbers in a atate.

ree and lettere following the station name, eucb aa 12 SSW, indicate distance in milee and direction from the poet office.

rvation times given in the Station Index are in local standard time.

yed data and corrections will be carried only in the June and December issues of thie bulletin.

nly and seasonal enowfall and heating degree days for tbe preceding 12 months will be carried in the June ieeue of thie bulletin.

ions appearing in tbe Index, but for wbicb date are not listed in the tablee, ere either mieeing or received too late to be included in this iesue.

s otberwise indicated, dimeneional units used in this bulletin are: temperature in °F., precipitation end evaporation in inches, and wind movement in s. Degree days are based on a daily average of 65°F. Evaporation ie measured in the stundard Weatber Bureau type pan of 4 foot diameter unlese otherahown by footnote following Table 6.

and bail were included in snowfall averages in Teble 1, beginning witb July 1948.

ats in Table 4 are from recording gagee. Treces ere not shown.

ats in Table 3 are from non-recording gagee, unless otherwise indiceted.

in Tables 3, 5, 6, end snowfall date in Table 7 ere for the 24 bours ending at time of observation. See the Station Index for observation time.

on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 CST.

-	No record in Tebles 3, 4, 6, 7, and the Stetion Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only tbe first and last deys are sbown in Table 4.
+	And also on a later date or dates.
•	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with e windshield.
6	Station not equipped with e recording gage. See Table 4 for 6-hourly measured amounts.
B	Adjusted to a full montb.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 incb water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for tbe full montb.
R	Daily values and montbly total from recording gage. All other date in Table 3 are from non-recording gages.
T	Trace, an amount too small to measure.
V	Includes total for previous montb.
SS	Tbis entry in time of observation column in Station Index means observation made near sunset.

ription Price: 15 cents per copy; montbly and annual, $1.50 per year. (Yearly subecription includes the Annual Summary.) Checks and money orders d be made payable to tbe Treesurer of tbe United States. Remittances and correspondence regarding subscriptions should be sent to tbe Superintendent cuments, Government Printing Office, Wasbington 25, D. C.

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CLIMATOLOGICAL DATA

NORTH DAKOTA

OCTOBER 1951
Volume LX No. 10

NOTE: Beginning with the October 1951 issue of Climatological Data, Table 4, Hourly Precipitation, will be discontinued due to curtailment of the funds necessary for processing and publication of these data.

KANSAS CITY: 1951

NAT.
HIST.

NORTH DAKOTA - OCTOBER 1951

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

The month was relatively cool with precipitation about average. The weather continued un favorable for finishing harvesting and threshing and at the end of the month, there wa still a little flax and wheat to be threshed in the north-central section of the state Some sugar beets, alfalfa and most of the corn also remained unharvested.

The temperature for the state averaged 42.1 degrees which is 1.9 degrees below normal The eastern division averaged 42.6 degrees which is 1.8 degrees below normal. The middl division averaged 41.9 degrees which is 1.8 degrees below normal and the western divisio averaged 41.7 degrees which is 2.3 degrees below normal. Only a few stations scattere across the northern portion of the state had slightly above normal temperatures. Pembi was 1.6 degrees above normal. The highest mean temperature was reported at Wahpeton wi 46.3 degrees which is 0.7 degrees below normal. The lowest mean temperature was reporte at Belcourt and Hannah with 38.1 degrees which is nearly 3 degrees below normal. Th highest temperature in the state was reported at Marmarth on the 2nd with 87 degrees a the lowest temperature was 2 degrees above at Amenia on the 31st.

Precipitation over the state averaged 1.04 inches, just normal for the month of Octobe The eastern division averaged 1.02 inches, 0.26 inch below normal; the middle division a eraged 0.81 inch, 0.17 inch below normal; and the western division averaged 1.29 inche 0.45 inch above normal. Precipitation over the state ranged from 2.88 inches at Pretty Ro to 0.10 inch at Adams. Snowfall for the month was quite heavy, averaging 3.0 inches f the state. This is about twice the normal snowfall for the month. The western divisi recorded the greatest average snowfall with 4.1 inches, followed by the eastern divisi with 2.9 inches and the middle division with 1.9 inches. Ellendale received 10 inches snow during the month, and many stations received from 5 to 8 inches. The least snowfa occurred in the northern portion of the state, although every station reported at least trace of snow.

October began with much cloudy and showery weather that continued to slow down harvesti and threshing over most of the state. Half of the wheat and three-fourths of the flax the north-central counties remained to be harvested. The southern half of the state w substantially better off with only a day or so required to complete the harvest. The 2 week of the month brought the longest period of favorable weather when as much as 5 or days were suitable for combining and threshing. By the middle of the month, potato diggi was well along towards completion and more than half of the sugar beets had been dug. T remainder of the month proved to be generally unfavorable and by the end of the month the was still some wheat and flax to be threshed in the northern sections. Some sugar beet alfalfa and most of the corn remained unharvested also. Most crops yielded well althou there was considerable damage to grain from wet weather. In some localities there we fields which were nearly total losses. The corn crop appeared to be not so good as e pected earlier. Pastures were excellent throughout the month and livestock, as a resul were in very good condition.--CJS

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
rck WB Airport	E	10	9.1	34	NW	16	82	89	63	68	10	3	2	0	0	0	15	45	7.2
s Lake WB City	-	-	8.9	29	W	16	-	-	-	-	12	4	0	0	0	0	16	44	6.8
WB Airport	SSE	14	12.8	36	NW	15	84	84	65	71	9	4	3	1	0	0	17	44	7.3
ston WB City	-	-	6.8	40	W	15	84	87	69	68	8	5	3	0	0	0	16	42	7.7

COMPARATIVE DATA

1

	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
2	47.2	95	7	0.58	T	3
3	40.6	79	0	1.05	0.9	5
4	43.0	77	16	1.66	0	6
5	40.5	85	-12	0.24	0	2
6	40.2	88	5	0.69	0	3
7	45.9	93	6	0.77	0.8	4
8	38.8	84	8	2.23	4.7	6
9	42.1	86	7	1.17	1.3	5
0	48.2	87	14	1.54	T	6
1	47.5	88	11	1.61	T	5
2	43.7	87	10	1.28	0.7	4
3	47.0	81	11	0.94	0.2	3
4	46.6	87	10	0.90	T	5
5	40.3	93	0	0.36	1.2	5
6	45.0	89	0	0.49	1.4	4
7	44.4	88	4	0.61	0.2	3
8	43.0	86	8	1.63	0.7	6
9	43.1	97	0	0.65	0.9	3
0	48.2	95	0	0.51	0.1	3
1	42.5	86	-10	1.24	0.5	6
2	44.4	90	0	1.07	3.5	4
3	39.3	90	- 2	1.59	0.7	4

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1914	50.0	97	0	0.93	T	4
1915	46.6	87	10	1.09	0.2	4
1916	40.0	85	- 2	0.70	2.0	4
1917	34.7	82	- 4	0.78	6.4	5
1918	46.2	90	4	0.53	0.8	4
1919	33.5	84	-18	1.14	9.3	6
1920	49.3	95	6	0.55	0.1	3
1921	47.3	88	16	0.66	T	4
1922	45.7	98	8	0.58	2.3	3
1923	44.0	84	- 8	0.89	0.5	4
1924	50.3	86	19	2.42	0.3	7
1925	33.3	66	-16	0.81	3.7	6
1926	42.6	85	4	1.36	1.0	6
1927	47.0	88	12	1.33	1.0	5
1928	43.5	85	3	0.46	0.6	2
1929	46.8	88	10	1.85	5.1	6
1930	40.8	86	0	1.81	0.3	7
1931	47.7	90	10	1.39	0.2	6
1932	38.3	90	- 3	2.27	9.1	8
1933	41.5	88	5	0.54	1.7	4
1934	49.0	94	5	1.01	0.1	3
1935	43.5	86	-10	0.16	0.7	2

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1936	42.3	90	- 5	0.21	1.1	3
1937	43.9	94	1	0.80	0.2	4
1938	50.9	95	4	0.55	1.1	4
1939	41.3	84	- 6	0.75	1.2	7
1940	50.7	89	18	1.56	T	6
1941	44.5	81	0	1.32	2.0	5
1942	46.5	90	- 3	0.46	1.8	4
1943	48.2	89	10	0.76	2.8	3
1944	48.7	84	11	0.12	T	1
1945	45.1	89	6	0.37	T	3
1946	40.1	91	2	2.23	8.5	8
1947	51.2	97	15	1.31	0.9	7
1948	46.4	85	- 1	0.97	T	3
1949	43.5	91	8	2.55	1.4	9
1950	46.9	88	17	0.63	3.1	4
1951	42.1	87	2	1.04	3.0	6
Period	44.3			1.03	1.5	

for the period beginning with 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table earlier years.

2

CLIMATOLOGICAL DATA

Station	Temperature									Precipitation								
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max 90° or above	Min 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
STERN DIVISION																			
IA	44.5	- .2	85	1	2	31	633	0	13	1.07	- .28	.36	4	6.0	2	30	7	0	0
LLA STATE PARK	41.7		79	1	4	31	715	0	17	.23		.11	19				5	0	0
INGTON	40.7M	- 3.0	82	1	10	31		0	18	.37	- .66	.20	30	3.0	3	30	3	0	0
LIER	41.3	- 1.7	77	1	11	31	723	0	15	.53	- .76	.34	20				4	0	0
ERSTOWN	42.3	- 2.4	78	1	7	31	699	0	16	.31	- .77	.08	4+	2.0	2	30	3	0	0
LS LAKE WB CITY	39.9	- 2.5	77	1	11	31	768	0	17	.21	- 1.04	.09	2	.7	T	19+	4	0	0
LEY EXP FARM	43.1	- 2.5	84	2	7	31		0	18	1.47	.45	.60	4	5.0			5	1	0
RE 1 W	39.1	- 3.4	77	1	7	31	795	0	20	.60	- .38	.40	1	2.0	1	19+	4	0	0
NOALE	44.7	- 1.2	86	1	15	27	625	0	16	2.59	1.53	1.00	4	10.0	5	30+	10	3	1
O WB AIRPORT //	43.4	- 1.1	84	1	5	31	666	0	14	1.69	.00	.62	30	8.1	5	30+	8	1	0
AN	44.5	- 1.5	82	1	12	31	627	0	16	2.31	.96	1.10	4		3	30	7	1	1
RTON	45.2	- .1	84	1	20	27	609	0	13	2.24	.91	.98	4	6.9	4	30	6	3	0
E	43.5	- 1.9	84	1	7	31	658	0	14	1.68	.72	.86	4		4	30	5	1	0
ON ST SCHOOL	42.5	- 1.3	79	1	6	31	690	0	15	.41	- .73	.10	19	1.0			7	0	0
FORKS CAA AP //	41.7	- 2.0	80	1	9	31	717	0	16	.20	- 1.16	.06	31	1.0	T	31	5	0	0
FORKS UNIV	42.3	- 1.4	79	1	10	31	696	0	12	.34	- 1.02	.09	20	.3			7	0	0
RAPIDS 1 N	44.0		82	1	4	31	643	0	14	1.91		.76	4	4.5			7	1	0
NSON R R STA	44.2	- 2.4	84	2	12	31		0	14	1.99	.62	1.04	5	3.5			5	1	1
H	38.1M	- 2.7	74	1	8	31	841M	0	17	.17	- .90	.09	19	T	T	19+	3	0	0
BORO	42.6	- 2.6	82	1	6	31	685	0	14	.75	- .59	.15	2	.2			8	0	0
TOWN CAA AP //	42.2	- 2.5	82	1	6	31	707	0	17	1.06	- .23	.41	30	4.9	3	30	7	0	0
TOWN ST HOSP	43.3	- 1.4	81	1	8	31	666	0	15	1.03	- .26	.42	4	4.0			5	0	0
L WILDLIFE REF	43.0M		82	1	4	31	675M	0		.60		.30	30	4.0	4	30+	3	0	0
ON EXP FARM	40.1	- .8	76	1	6	31	768	0	17	.32	- .71	.20	2	1.0	0	1+	2	0	0
ORE	42.6	- 1.5	80	1	9	31	691	0	15	.47	- .97	.12	13	T	T	31	8	0	0
N	44.9M	.2	81	1				0	15	2.01	.77	.59	5	5.0	5	30	4	1	0
LLE	43.5	- 2.5	81	1	8	31	663	0	14	.44	- .82	.18	2	T	T	30+	6	0	0
NRY 5 N	40.7	- 2.6	78	1	7	31	744	0	18	.24	- .81	.11	4	.9	1	31	6	0	0
00 3 E	45.1	- 1.4	86	1+	8	31	614	0	18	2.07	.69	.88	4				6	1	0
H 4 SW	39.2		78	1	7	31	790	0	20	.13		.06	19	.6	T	31	4	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Table 2—Continued

Station	Temperature									Precipitation									
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or
OAKES	43.3	- 2.7	84	2	10	31		0	18	2.34	1.03	.93	5	4.0	4	30	5	2	0
PARK RIVER	42.6	- 1.1	79	1	10	31	686	0	16	.36	- .82	.22	2	T	0	1+	5	0	0
PEMBINA 2 N //	43.2	1.6	77	1+	10	31	670	0	15	.53	- .67	.15	2	T	0	1+	7	0	0
PETERSBURG	41.1		78	1	9	30	731	0	17	.36	- .81	.10	20		0	1+	7	0	0
SHARON	41.8	- 1.8	82	1	10	31	715	0	16	.61	- .68	.25	13	1.0	T	30+	8	0	0
VALLEY CITY	44.0	- 1.1	83	1	10	31	645	0	15	1.38	.06	.54	30	5.5			5	1	0
WAHPETON STATE SCHOOL	46.3	- .7	84	1	8	31	581	0	13	2.57	1.13	1.25	4	5.0	2	27	7	1	1
OIVISION	42.6	- 1.8								1.02	- .26			2.9					
MIOOLE OIVISION																			
ASHLEY //	43.2M	- 1.2	84	2	10	27+	680M	0		2.03	.97	.87	4	1 8	1	30	6	1	0
8ELCOURT INOIAN RES	38.1		74	1	8	31	828	0	18	.28		.10	13	T	T	20+	5	0	0
BISBEE	38.5M	- 5.3			11	31	813M	0		.11	- .88	.05	1+	T	0	1+	3	0	0
BISMARCK WB CITY	44.7	- .5	85	2	19	26+		0	13	.60	- .31	.24	30	3.4	3	30	7	0	0
8ISMARCK WB AIRPORT	42.9	- .7	83	1	11	31	680	0	16	.41	- .53	.21	4	2.0	2	30	5	0	0
BOTTINEAU	39.9	- 1.5	76	1	11	31		0	18	.97	.00	.44	13	2.5	1	25	6	0	0
BUTTE	42.5	- 2.3	80	1	12	26	692	0	17	.33	- .64	.13	30				5	0	0
CARSON 2 SW	42.1M	- 2.4	85	1	13	31	713M	0	21	2.32	1.41	.98	4	7.5	7	30	10	2	0
CENTER	42.7	- 2.6	82	1	12	26	686	0	18	.83	- .08	.70	30	7.0	2	30+	5	1	0
DRAKE	43.4M	.3			12	26		0	17	.19	- .85	.08	4	T			3	0	0
ECKMAN	40.3	- 1.9	80	1	11	31		0	18	1.36	.52	.32	5+		1	25	6	0	0
FESSENOEN	42.2	- 1.1	79	1	8	31	699	0	17								8	1	1
FORT YATES	43.5M	- 3.2	83	1	10	31	660M	0		1.90	.91	1.46	4				7	0	0
FOXHOLM WILOLIFE REFUGE	42.9	.0	78	9	14	26	680	0	17	.97	.09	.43	2						
GARRISON	40.9	- 2.3	79	1	5	31	741	0	19	.67	- .19	.33	12	2.0	2	29+	5	0	0
GRANVILLE	42.7	- .9	78	1+	15	22+	686	0	17	1.16	.32	.85	13	T	T	31	5	1	0
HANSBORO	39.3M	- 2.0	74	1+	12	26+	790M	0		.20	- .84	.12	2	T	T	19+	4	0	0
LEEOS	41.6		79	1	11	27+	721	0	17	.20		.09	2	T	T	30+	3	0	0
LINTON	45.3	- .2	86	1	18	27	604	0	16	1.21	.17	.80	4	2.2	2	30+	8	1	0
MAOOCK AGR SCHOOL	41.2	- 2.3	78	1	9	31	730	0	18	.32	- .66	.18	2				5	0	
MANOAN EXP STATION	43.7	- 1.0	82	1	17	26		0	15	.50	- .40	.25	30	2.5	3	30	4	0	0
MANOAN FT LINCOLN PARK	45.2M		84	1			614M	0		.57		.30	30	5.0	5	30	2	0	0
MAX	41.7	- 1.2	79	1+	15	26		0	18	.92	.12	.73	14	.9	T	26+	5	1	0
MC CLUSKY	43.1	- .3	84	8	10	31	674	0	16	.32	- .67	.23	30	3.0	3	30	2	0	0
MINOT CAA AP //	40.8	- 3.0	77	1+	8	31	739	0	17	.99	.08	.51	13	1.3	T	25+	8	1	0
MINOT EXP FARM	41.8		76	1	13	31	713	0	16	1.03		.58	13	2.1	1	29+	8	1	0
MOHALL	41.2	- 1.0	77	9	10	26	732	0	19	1.64	.60	.93	2	2.0	1	25	6	1	0
NAPOLEON 1 SE	42.8	- 1.3	84	1	12	31	682	0	16	1.09	.00	.69	4	3.5	2	30+	10	1	0
NEW SALEM 1 S	41.0M	- 4.1	82	1	14	27	734M	0	18	.96	.11	.48	31				5	0	0
PETTIBONE	42.0	- .6	79	1	6	31	707	0	17	.33	- .66	.18	4		2	30+	3	0	
RIVEROALE	42.3		78	1	12	31	696	0	16	.40		.16	30				6	0	
ROLLA	39.7	- 2.8	75	1	10	31	776	0	17	.33	- .64	.10	12	1.5			5	0	
RUGBY	42.2		75	1+	11	31	698	0	17	.17	- .72	.09	2	T	0		5	0	
SAN HAVEN	40.2		75	1	12	26	767	0	17	1.58		1.22	13	T	T	30+	7	1	
TOWNER	41.1	- 2.4	82	1	10	31	732	0	21	.54	- .35	.28	12	1.0			4	0	
TURTLE LAKE	43.2M	- .9	78	1	11	31	659M	0	16	.23	- .61	.13	30	2.0			4	0	
UNDERWOOD 12W	42.4	- 2.6	80	1	7	31	693	0	20	.90	.07	.40	29	1.6			7	0	
UPHAM 3 N	42.3		78	1	11	31	697	0	19	.84		.35	2	T	0		6	0	
VELVA	42.4	- 1.9	76	1+	15	22+	689	0	18	.55	- .40	.23	13	1.5	.1	29+	7	0	
WASH8URN	43.3	- 1.7	80	1	13	26+	665	0	15	.46	- .46	.34	30	3.3			6	0	
WESTHOPE	39.6	- 3.0	75	10	10	31	777	0	21	.83	.03	.30	2	1.0			7	0	
WILLOW CITY	39.9M	- 1.6	76	1	12	31	762M	0	21	1.11	.32	.64	13		0		7	1	
WILTON R R STATION	41.2	- 3.7	80	1	8	31		0	17	.48	- .47	.28	30	3.0	3	30+	4	0	
WISHEK	41.9M	- 2.1			7	27		0		1.89	.96	.65	3				9	1	
OIVISION	41.9	- 1.8								.81	- .17			1.9					
WESTERN OIVISION																			
ALMONT 7 SW	43.5		86	1	12	26	663	0	17	1.34		.55	4	4.5	4	31	12	1	
AMIOON	42.9	- 2.1	81	1+	16	31		0	17	1.88	.91	1.12	13	2.5	1	18+	8	1	
8EACH	42.2	- 2.3	81	1	17	31		0	17	1.16	.26	.32	2	4.6	3	30+	11	0	
8ELFIELO	41.4	- 4.3	82	9	10	31	722	0	18	1.96	.99	1.04	13				10	1	
8OW8ELLS	40.7	- 1.1	79	1+	9	26		0	18	1.15	.30	.44	2	2.0	2	25	7	0	
8OW8ELLS 5 E	40.3M		77	1	8	26		0		1.20		.43	2	1.5	1	25	8	0	
8OWMAN COURT HOUSE //	41.7	- 3.1	81	1	10	31	718	0	17	1.46	.58	.51	4	9.1	5	20+	6	1	
CROS8Y	40.6	- 1.6	75	9	9	26	752	0	17	.93	.10	.36	2		1	25	7	0	
OICKINSON CAA AP	41.3	- 2.5	80	1	3	31	727	0	17	1.41	.50	.50	12	4.7	4	31	11	1	
OICKINSON EXP STA	42.5	- 1.3	82	1+	17	26		0	20	2.39	1.48	1.21	4	4.0	4	31	6	2	
OUNN CENTER	41.4	- .7	82	10	11	26+		0	23	1.43	.60	.74	13	5.5	4	30	7	1	
EL8OWOOOS	43.6	- 1.2	71	9	22	16+	658	0	15	1.15	.35	1.06	12	.3	T	25+	4	1	
EPPING	41.9	- .2	80	9	8	26	706	0	15	.74	- .03	.40	2				4	0	
GRENORA	42.3M	.2			14	31	706M	0		.33	- .46	.25	4	1.0	1	30+	2	0	
HETTINGER	42.3	- 3.8	82	1	16	31	701	0	17	2.00	1.29	.78	4	7.0	3	20+	8	1	
KENMARE	41.2	- 2.3	82	1	11	26+		0	16	1.30	.34	.52	2				7	1	
LOST WOOO 12 N	39.2		71	1	10	26	794	0	19	1.16		.41	2	1.6	1	25+	7	0	
MARMARTH	43.2	- 2.8	87	2	10	31	672	0	20	1.37	.58	.58	13	7.8	2	21+	6	1	
MEOORA 4 NNE	42.4M		80	1	12	31	691M	0	20	.93		.42	13	4.1	2	30+	8	0	
MOTT	41.9	- 2.5	84	1	12	31	708	0	22	1.20	.37	.46	4	7.8	4	30+	9	0	
NEW ENGLANO	41.9	- 2.2	82	1	18	31	710	0	17	1.46	.67	.59	13	5.5	5	31	9	2	
PARSHALL	41.5	- 2.9	79	1+	12	26	722	0	20	1.50	.75	.60	13	3.0			6	1	
PORTAL	41.9M	.4	80	2				0	17	.95	.11	.46	2	.8	1	25	6	0	
POWERS LAKE 1 N	39.3	- 5.2	78	9	9	26	790	0	19	.56	- .49	.35	2	.5	1	25+	5	0	
RICHAROTON A88EY	42.9	- 1.7	82	1	15	26	679	0	18	1.33	.54	.47	30	5.8	5	31	11	0	
SANISH	41.7	- 2.5	81	10	14	26+		0	19	1.50	.73	.70	2				8	1	
STANLEY	38.9		77	10	11	26	802	0	26	1.87	1.03	.86	2				6	1	
VAN HOOK	43.0M		80	9	12	26	675M	0	17	1.19		.45	2+				6	0	
WATFORO CITY	41.5	- 2.7	78	1	8	26+	722	0	16	1.07	.20	.49	2	7.0	6	30	6	0	
WILLISTON W8 CITY	42.3	- 1.1	79	9	9	31	695	0	16	.69	- .17	.23	2	3.6	2	29+	8	0	
OIVISION	41.7	- 2.3								1.29	.45			4.1					
STATE	42.1	- 1.9								1.04	.00			3.0					

See reference notes following Station Index.

DAILY PRECIPITATION

Station		Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
7 S			.02									T	T							.04	T											.10
DER			.37																T							.15				.04	.03	1.01
T 7 SW			.03	.22	.55	.02	.01							.04		.01		.02	.04			T				.01			.36	.10	.08	1.34
KE			30	14	.15											.09			T	.01					.04	T				.33	.05	.02	.80
					.36	.04									.03					.03	.20	.20								.21			1.07
	R	.13	.13	T	.34	.02							1.13	1.12				T	.05			.10			T				.10	.02	1.88
	R		.53	.17	.32													.03			.06							.08	.07		1.82
LA STATE PARK				.02	.05		.03							.11						.07						.12					1.00
					.87	.30								T						.11									T	.02	.23
		T	.29	.10	T				T					.35				.04			.29								.18		2.03
			.32	.01	.04	.06								.56									T	T	T					T	.95
	R	.33	.04	.01	.12								.33	.31		.04	.04	.02			.03					.06				.22	.05	1.16
RT INDIAN RES			.08	.01	T	T							.03	.10				.02	.01		.03				.07				.14	.08	.05	1.28
RT INDIAN RES	R		.09	.02									.05	.10					.06	T						T				T	T	.28
LD			.07	.03	.12	.03							T	1.04		T	T	.03	.02	.08		T										.34
LD			.64	.03	.08									.76						.02						T	T			.12	.42	.08	1.96
			.11		.02	T								.11												.17				.04	.01		1.75
	R	.02	.12		.02								.09	.02																.23			.47
		.05	T																	.05	.01									.23			.50
CK WB CITY			.02	.03	.15	.14	.01							.01					T			T									T	T	.11
CK WB AIRPORT	R		.02	T	.21	T							T				T	T	T	T	T	T				T	T			.24	T	.60
SAO			.08	.17	.03									.44							.08					.17	T		T	T	.05	.12	.01	.41
LS			.44	.11	.26	.03								.06			T	T		T	.05					.20				T	T	.97
LS 5 E			.43	.22	.16	.06								.08							.12					.12				T	T	1.15
COURT HOUSE			.03		.51									.37				T			.38	.06				T				T	.01	1.20
11 SE		02			.38									.38				.08			.24	.11				.02				.11	T	1.46
	R			.47	.43											-	-			-	-									.17	T	1.40
AN	R				.30																									.07	.10		-
18 N				.18	.05									.08						.05	.04									.06	.19		.72
			.08	.01	T	T							.20				T		.06											.14	.05	.68
	R		.04											.06							T									.13	.05	.33
GTON			.03			.14	T												T	.08	T											.12
	R		.02	.70	.39									.10		-	-	-	-	-	-	-								.20	T	.37
2 S W			.04		.98								.12	.13				.05	.10	.05	.05	T								.10	.34	.08	-
SR			.14	T			T							T						.02	.34	.03					.15				.65		2.32
				T	.07								.02			.02		.02			T								T				.53
					.09	T															.14									.70	T	.83
05		T	.49	.25	.06									T							.01									.12			.35
STOWN					.08	T								.15		.06	T			.06	.01				.02	.05					T	.01	1.01
NAY							.13						.01	.10							T										.08		.31
			.36	.08	.22											.10	T		T	.10					.02	.05	T				.25		.49
LAKE W B CITY	R	.15	.24	.21	.02											.10				.05					.03	.05					T	T	.93
	R		.09		T	T					T	T	T	T		.02	T			.08	T	T			T	T		T		T	.02	.21
ON CAA		.08		.08	.23	.03							.50	T		T		.03	.03		T	.01			T	T			.19	.13	.10	1.41
ON EXP STA			.05	T	1.21	.04								.71			T		T		T	T				T	T			.28	.10	2.39
OOK			.56	.06	.28								T	.63	T							T	.02		T	.04	T			.01	T		1.60
NTER			.06	T	.05	.07								T							T										T		.19
			.25		.25	.32	.02						T	.74					T			T				.16					.33	.02	1.43
EXP FARM					.60		.06								.16					T	T	.32				.20					T		1.36
1 W		.40									T	T	T				.04			.10	T	.45								.20			1.47
ODS				.03	.02	T						1.06																				.06	.60
5			T	T	1.20	T						T				T	T	T	T		T	T				T						.04	1.15
LE					1.00	.06	.03							.07	.02			.03				.51	.11			T					.10	T	1.30
			.40		.12											.07										T					.75	.01	2.59
	R		.03																	.02											.15		.74
LD 8 N			.32		.07									.47				T	.02					.15					.12	.21		.05
B AIRPORT	R//		T	T	.46	T	T							.18			T	T	T	.01	.35	.02	T				T			.03	.62	.02	1.36
EN			.05		.02								T						T										.06	.10		.02	1.69
					.77	.20																											-	.06	-
13 NW			.40	.20	.02															.05											.16	.07	1.20
				T	.74	T								.34		T		T		.39	.10				.06						T	T	.73
TES					1.10	T	.05							T	.33				T	.40	.15	.03					.43				T			2.00
TES	R			.13	1.46	.07							T					T		.03	.08					.07				.25			.31
WILDLIFE REFUGE			.43	.57	1.06	.02												.03		.10	.05				.03	.02	.02		.02	.03	T	1.90
	R	.08		.04	.10									.36		.01				.01										.15			2.07
ON			T	.01	.18								.72	.03				.02	-	-	-	-	-	-	-		.01		.09	T	.02	.97
					.98	T	.03							.09						.03	.56									.05	.05	-	
N			T	T	.86	.04															.32	.23								.55	T	2.24
VALLEY 105					.03	T							.33	.10							T				T	T				.23			1.68
ITY	R				.04								T					.03	T		T	T							.19	.02	T	.67
STATE SCHOOL			.09				T		.02					.06						.05	.02								T	.30	.03	.36
ORKS CAA			.03	T	.04	T	.02	T						T			T		T	.10	.01	.09								.05	.06	.22
ORKS UNIV			.03	T	.06	T	.02							T		T		T	T	.05	T	T	T							T	.04	.41
AP1D5 1 N					.76	.09	.07							T			T			.08	.09	.03								T	.06	.20
LE			.15	.08										.14						T	.13	.35								T	.03	.34
BOTTE	R	.15	.59										.04	.85						.04	T									.37			1.91
BUTTE 10N			.63	.01	.02	.01							.10	.39					.07						T				T	T	T	1.16
					.25									.39										.10	.06				.31	.08	.03	1.88
	R				.37								.45														.01		.20	-			-
Y			.14	.07										.70					.04		.35	.05					T			.08			.33
		.05	.06	06	.17								.24	.46					T						.05	.07			.17	.04		1.47
ON R R STA					.35	1.04		T							.25										.07				.13	.16	.04	1.36
			.03											T			T			.09	.05								.31	.03		1.45
O			.12		T								T	.05				T		.02	.01				T			T	.25	.10		1.99
3 NE		T	T	.04	T								T				T	T		.04	T				T			T	T	T		.17
ER			.05	.21	.78	.01								.27				T			.28	.07				T			T	T	T		.20
ER 17 N	R	.11	.04		.39								.35					.05	.05		.27					.05			T	T	T		.16
RO			.15	T	.06	.04	T							.01						.07	.08	.27							.15	.10			2.00
WN CAA				T	.40	T								.19			T			.01	.02	T							T	.07			1.56
WN STATE HOSP				T	.42	.03					T			.26						T	.05	T				T			T	.01	.41	.02	.75
	R		.52	.22	.15									.22							.05	T					T		T	.27	T	1.06
WILDLIFE REF			.57	.30	.03		-	-	-	-	-	-	-	-							.05					.12			T	T	T	1.03
R 8 NW			T		.25	T															.05					.12	-	-	-	-	-	-	-
			.21		.16									.86				T	.07											.30	T		.60
EXP FARM					.95	.05								.35							.10	T			.18				.31	.22	T	2.01
			.20		T															.12										T	.60	2.05
			.42	.40	.07									.22				T		.06				.14						T	T	.32
			.10	T	.03	.04	.06							.12						.04	.05	.03									T		1.31
			.09																	.07	.04										T		.47
E					.26	T							.09	.35				.02	.16	T											T	T	.20
					.80	.08							T	T				.03			.10	.03				.01	T			.02	.02	.30	1.23
					.48	.59																.03					.03			.13	.01	1.21
LE					.67	.02	T														.46	T									.48		2.01
12 N			.41	.22	.18									.20						.03	.08	.42								.59	T		2.01
AGR SCHOOL			.18		T								T	.19		T			T	.03					.07					.06	T		1.16
EXP STATION			.01	T	.07	.17							T	T			.04			.05	T	.02							T	T	.03		.32
FT LINCOLN PARK			T	T	.27	T					T					T			T							T				.25	T		.50
	R	.06	*	.20	.10								*	1.06		-	-	-												.30	T		.57
				T	.15									.58											.08				.31	.07	-	-	
H M D O CO	R	.08			.18											.05		T	T	.23	.09					T	T			T	.27			1.37
			T	T	T								.62			.05			.03	.02	.30	.03				.03				.17	.05			1.56
			T		.11	T							T		.73	T			T	.15	T	T						T	T	T	.20		.35
			.18		.05	T	.01							.03												.01					.05	.02		.92
KY																				T	.12	.05				T				T	T		.44
Y 5 N			.05		.11	T								T						.02	.01								.09	.23			.32
3 E					.88									T	.37					T	.26	.15		.11						.03	.02		.24
E			.06		.02															.08	.03									.30			2.07
1 W					.35	T																								T	T		.19
	R	.06	.01		.07								.45																	.10			.45
4 NNE			.04	T	.10	.02								.42				T	.03		T				.07				T	.20	.04		-
II N			.15	.02	.06									.36			T	T	.05						.09					.04	.03		.93
E	R		.03		.32											T	T	.02												.04	.10	T		.84
AA			.27	.03	T	T							.06	.51		T				.03	.02									.05	.04	.02		.51
XP FARM			.26	.01			.01						T	.58						.01	T	T			.01	.08		T		.02	T	T		.99
4 SE				T	.40	.03							T					T		.01	T					.11				.04	.01	T		1.03
			.93	.14	.07								T									T					.05				.30	T		.78
IER					.33	.46	.03	T						.24		T				.07						.19					T	T		1.64
			.06	.09	.46									.16	.23						.01	.34									.27	.01		1.84
4 SW			.05	T										.20				T	.02	T	.12	.05				.04					.16	T		1.20
N 1 SE					.69	.02	.02							.01			T			.06	T										T	.01		.13
N 1 SE	R			.02	.66	.02							.02	.02				T	T		.05	.10					.02				.12	.03		1.09
LAND				.05	.51																.08	.05				.03					.07			.94
KFORO 7 WNW			.10	T	T	T	T				T		.07	.59				T	.03		.04	.01				T					.10	.06		1.46
EM 1 S				.07	.10	T							.03			T	T	T	T	T	T									T	.11	.05		.26
			.55		.10												.10					T								.28	T	.48		.96
TE	R		.47	.14	.02											.10				.05					.10						.05			.95
ILLE					.74									.55		.05				.09						.05								.82
																					.26									.48	T		2.03

See reference notes following Station Index

DAILY PRECIPITATION

Table 3—Continued

NORTH
OCTOB

Station	Day of month																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
OAKES				.57	.93	T	T							.12						T	.47									.25	T
PARK RIVER		.22	T		.02						T		.01			T			.01	.10									T	T
PARSHALL		.46		.06									.60		T						.01				.17				.20	T	T
PEMBINA 2 N		.15				.04	.03						.07		.05				.07	.12									T		T
PETERSBURG		.06	.03		.02								.05						.06	.10											C
PETTIBONE				.18								T							T	.01									T	.14	T
PETTIBONE	R		.12	.08																									.04	.08	
PINGREE		T		.08	T						T		.08						T	T	T									.30	T
PORTAL		.46	.13	.15												.10			.05						.06					T	
POWERS LAKE 1 N		.35	.08	.05								T	.03			T			T	T				T	.05				T	T	
PRETTY ROCK		.11	.57	1.50	.02							.04			T		.04	.02	.02	.30	T		T			T			T	.21	.0
REEDER				.33								T	.55				.22	.05		.50	.11			.04						.20	
REEDER 14 N		.03		.38	.06						T	T	.50				T	.05		T	.13				T	T				.16	
RICHARDTON ABBEY		.04	T	.41	.03							.09	.15		T		.02	.05		T	.01				.01	T			T	.47	.0
RICHARDTON ABBEY	R	.04		.39								.25					.04	.03			.02				.01				.30	.18	.0
RIVEROALE		.12	T	.01								.01	.08		T						T				T				.02	.16	T
ROLLA		.08	T	T	T							.10	.05						.07						.03			T		T	
RUGBY		.09	.01	T								T	.04			.02			.01										T	T	
RYDER		.26		.24								.63									T			T	.13	T	.08	T	T		
RYDER	R	.26	.09	.10								.42	.21											•	.13	•	.08		.07	.02	
SAN HAVEN		.21			.02							.03	1.22						.04	.02					.04					T	T
SANISH		.70	.05	.02	.01								.40					T							.12					.18	.0
SCHANTON				.48	.02							T	41				.02			.47	.06				T	T				.38	T
SELFRIDGE 11 W			.09	1.40	.05							T					.05	T			.15	T			.20						.6
SENTINEL BUTTE 20 S		.08	T										.68				T			T	T		T		T	T			.35	.1
SHARON			.10		.05	T	.03						.25						.03	.03	.03									.09	T
SHERWOOD 3 N			.58	.16	.10								.06		.02				.08	.16					.11					T	T
SHEYENNE	R		.05																.03	.10							-	-	-	-	-
SHIELDS				.14	1.05												T			.10					T					.30	
STANLEY		.86	.26										.44								T				.12				.11	.08	T
STANLEY	R	.03	.82	.27	.05								.42												.12				.03	.05	
SYKESTON			.07	T	.13	T	T		T		T				T	T			.03	T								T	T	.09	
TAGUS			.60	.18	.12	T							.95					T	.02	T					.06				.03	.02	T
TIOGA			.46		.10								.10												.07	T				.06	
TOLLEY 4 NE			.67	.24	.06							.25							.06						.05						
TOWNER			.18	T								.28													.05						.0
TROTTERS 6 WNW		.19		.02									.08		T		T	.02			T				.09				.12	.05	.0
TURTLE LAKE				.03	T							T	.05							T						T			.02	.13	T
TUTTLE 8 SW			T	.26	T												T									T			.14	.15	
UNDERWOOD 12 W		.10		.02								.02	.06		T	T			T	T	T			T	T		T	T	.40	.20	.1
UPHAM 3 N			.03	.14								.03	.24		T				.05											T	T
VALLEY CITY				.40									.04						T	.07	.33								T	.54	T
VAN HOOK		.45		.06									.45					T			T				.14				.05	.04	
VELVA		.10	.04	T								.03	.23						T	T					.07				.05	.03	T
WAHPETON STATE SCHOOL				1.25	.05								T	.32						.23	.29	.10					.33				.0
WALHALLA		.11	.01		T														.08	.03											
WASHBURN		.03	T	.05												.02				.01									.01	.34	T
WASHBURN WATER WKS	R	.05		.05											.03														.25	.10	
WATAUGA 8 N S OAK			.10	1.36								T					T	T		.32					T					.07	
WATFORD CITY		.49											.09					.03							.10				.22	.14	
WATFORD CITY 11 E	R	.03	.76										.28					.03						.04	.12				.15	.04	.0
WESTHOPE			.30	.03	.07								.25		.02				.09						.07					T	T
WILDROSE			.44	.02	.03										.10										.15	T				T	T
WILLISTON WB CITY	R	.13	.23	T	.06									T	T	T	T	T	.01	T		.01		T	.09				.15	T	.(
WILLOW CITY			.21	.05	.06	T						.05	.64		T					.05					.05						T
WILTON RR STATION			.03			.16							.01																	.28	T
WISHEK				.65	.26	.04							.04	.05				.02		T	.22	.16								.45	
WOODWORTH 5 E					.23	.03														T										.02	T
ZAHL			.43	.04	.20										.06				.02	T		.02	.01	T	.05				.01	T	.0

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of n within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will he carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movem miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless oth shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 183

- \- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- \+ And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted represent the value for the full month.
- R Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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W.R.P.C., KANSAS CITY, MO. -- 12-14-51 —

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

Station		Day Of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MONT 7SW	MAX	86	74	72	54	52	52	62	71	77	76	62	61	64	66	61	39	34	34	47	37	36	39	50	53	41	37	56	64	56	31	27	53.9
	MIN	54	51	45	44	38	29	33	38	42	52	36	46	48	44	34	22	20	25	28	28	27	22	28	31	30	12	20	28	31	22	17	33.1
NIA	MAX	85	79	62	53	49	47	54	70	70	77	66	74	66	71	69	60	40	44	41	42	39	45	46	58	50	38	48	47	44	37	30	54.9
	MIN	52	50	52	46	41	35	36	33	42	42	43	43	59	43	36	36	24	30	18	37	30	29	21	30	35	22	13	19	32	25	2	34.1
DON	MAX	81	80	68	62	49	50	58	63	69	81	72	66	64	62	64	54	34	32	38	49	33	32	50	46	36	44	36	54	63	47	29	53.7
	MIN	51	47	45	41	38	37	30	37	47	40	39	37	40	35	43	23	19	20	22	28	25	23	31	27	26	23	22	31	30	18	16	32.0
VILLA STATE PARK	MAX	79	62	55	51	48	46	56	71	71	72	61	72	66	69	64	55	38	39	36	36	36	40	48	55	45	36	48	45	43	33	35	52.0
	MIN	52	47	48	42	39	36	35	30	32	44	40	34	53	42	39	33	20	20	16	32	28	26	15	31	32	17	9	19	31	26	4	31.4
LEY	MAX	81	84		69				54	67	74	72	71	67	67	68	50	35	41	42	41	32	45	48	62	55	36	52	52	46	36	29	54.7
	MIN	54	52		39	36			23	37	40	39	43	52	37	42	28	27	27	25	30	26	19	28	32	34	19	10	27	34	17	10	31.7
CH	MAX	81	78	68	60	49	48	58	63	71	80	72	67	69	63	65	50	32	34	35	46	34	35	44	54	38	33	35	54	64	35	31	53.1
	MIN	40	47	44	44	38	35	34	31	33	39	40	41	41	34	38	24	20	24	26	29	27	24	24	27	25	21	21	28	31	20	17	31.2
COURT INDIAN RES	MAX	74	56	51	47	45	47	67	69	72	69	58	65	59	62	60	41	33	39	37	32	30	38	49	44	36	37	44	43	45	28	27	48.5
	MIN	42	46	45	36	34	26	21	37	33	37	38	41	49	37	39	27	23	13	24	25	17	9	19	28	26	10	11	17	25	13	8	27.6
FIELD	MAX	80	78	62	51	55	61	67	66	82	74	63	69	63	64	51	35	34	35	49	38	34	41	53	41	35	34	55	64	46	30	30	52.9
	MIN	43	46	45	42	30	36	33	33	41	39	35	41	42	37	31	24	19	25	24	26	22	21	22	26	22	19	24	24	26	20	10	29.9
REE	MAX	65	54	49	47		44	58	69	69	61			67	73	61	46	36	39	34	33	32	38	50	46	41	41	48	45	42	30	30	48.1
	MIN	49	47	40	34		34	24	35	40	35			39	38	38	29	22	17	26	29	25	18	21	27	28	19	13	19	27	25	11	28.9
MARCK WB CITY	MAX	82	85	72	67	52	52	49	61	70	76	75	61	70	65	64	62	34	35	38	42	36	36	43	52	55	40	37	56	61	40	32	54.8
	MIN	47	54	43	46	38	35	30	33	35	46	39	41	53	41	45	30	31	27	30	33	29	22	25	34	33	19	19	32	33	24	21	34.5
MARCK WB AIRPORT	MAX	83	72	68	50	50	48	61	71	76	76	60	70	67	67	64	40	35	38	43	37	35	43	51	55	40	35	58	61	49	32	29	53.7
	MIN	49	48	40	43	35	30	27	32	34	40	35	43	43	37	35	31	30	27	33	32	26	20	21	36	31	16	22	34	27	23	11	32.0
TINEAU	MAX	76	74	63	54	46	46	48	60	69	74	72	57	67	61	60	58	34	37	39	36	33	33	39	51	43	35	24	48	41	36	33	49.9
	MIN	45	50	47	43	34	34	29	33	35	37	30	42	47	37	41	28	27	19	23	30	23	14	16	26	28	12	12	20	31	20	11	29.8
BELLS	MAX	79	79	56	51	43	48	65	65	68	77	72	62	66	64	60	53	33	35	35	34	30	33	42	63	40	32	33	51	59	34	29	51.3
	MIN	43	47	49	41	35	30	30	33	35	42	34	36	41	40	40	23	22	26	25	27	23	18	23	25	26	9	10	26	30	25	19	30.1
BELLS SE	MAX	77	73	55	51	42	43	50	64	68	76	70	61	66		64	54	33	34	33	34	30	32	42	53	41	32				33	29	49.6
	MIN	44	49	47	41	35	31	31	33	37	43	33	38	40		39	24	24	26	27	28	20	20	13	30	26	8				26	19	30.9
MAN COURT HOUSE	MAX	81	75	66	56	51	56	63	69	80	74	67	64	61	66	59	37	32	34	52	41	33	36	42	46	36	31	53	63	56	31	26	52.8
	MIN	44	45	44	41	39	32	33	33	42	39	39	37	40	34	33	23	20	27	25	27	24	20	20	30	27	23	23	29	29	15	10	30.6
TE	MAX	80	76	58	54	46	51	62	70	78	72	60	70	64	62	60	46	36	41	36	36	33	44	53	50	42	34	55	55	48	33	50	53.4
	MIN	53	48	48	43	33	33	30	41	45	46	29	40	46	39	43	27	25	17	28	29	25	15	23	35	29	12	18	25	17	23	13	31.6
RINGTON	MAX	82	80	66	52	47	44	45	69	76	73			70	69	61	62	38	36	43	38	39	37	43	49	57	39	30	55	50	37	33	52.4
	MIN	47	51	45	42	33	33	25	37	39	32	36	36	44	41	37	29	22	16	19	27	25	12	17	20	30	14	13	22	22	22	10	29.0
SON 2 S W	MAX	85	72	70	50	50	51	62	65	72	80	76	68	65	60	59		33	50	54	50	34	37	40	48	40	35	55	62	50	34	27	54.5
	MIN	50	48	42	43	37	30	30	32	33		37	38	48	29	26	20	25	24	18	30	19	26	24	31	30	14	20	25	30	20	13	29.7
ALIER	MAX	77	57	57	53	47	47	55	75	71	70	66	72	66	68	65	55	39	42	40	35	34	39	49	45	45	36	44	43	44	33	32	51.6
	MIN	42	46	46	42	40	36	33	35	34	42	37	38	58	45	41	34	18	19	17	30	25	24	19	20	30	18	12	16	31	23	11	31.0
TER	MAX	82	80	76	74	57	49	60	69	76	78	73	63	63	65	61	41	35	35	34	40	36	46	53	51	50	35	55	64	47	31	27	55.1
	MIN	46	48	38	37	38	25	24	39	30	38	33	45	49	39	34	29	22	24	21	29	29	20	15	30	27	12	15	34	29	25	14	30.3
PERSTOWN	MAX	78	69	59	50	45	44	54	68	73	72	65	70	66	66	62	55	41	40	37	36	34	40	48	57	52	36	50	50	41	34	30	52.3
	MIN	50	53	49	44	37	35	29	34	36	44	41	44	55	39	39	32	25	20	23	22	26	24	23	30	32	18	14	21	33	19	7	32.2
BY	MAX	74	64	53	47	48	55	64	70	75	71	65	54	64	60	54	34	36	34	33	33	35	46	56	50	29	31	54	61	50	30	26	50.2
	MIN	42	51	46	40	37	32	34	34	39	45	43	34	42	34	34	23	25	26	29	27	21	24	22	28	25	9	22	30	28	24	12	31.0
LS LAKE W R CITY	MAX	77	57	55	47	45	44	55	69	74	73	51	70	62	65	63	36	37	39	35	33	30	38	48	51	37	29	51	45	42	30	29	48.9
	MIN	52	49	47	39	34	33	25	38	39	44	34	44	47	42	35	30	20	17	26	29	21	21	23	32	29	16	19	20	27	16	11	30.9
INSON CAA	MAX	80	68	62	50	44	55	63	69	80	74	67	66	62	64	55	35	33	33	49	33	32	38	51	45	32	34	55	64	41	29	25	51.2
	MIN	52	48	47	42	34	33	33	34	41	45	38	43	44	39	27	21	20	26	30	28	27	27	26	29	25	16	28	26	23	19	3	31.4
INSON EXP STATION	MAX	82	80	69	65	50	46	56	64	70	80	82	66	72	60	60	57	36	36	36	49	35	34	41	54	46	33	31	56	65	37	32	54.2
	MIN	44	49	45	34	30	32	31	31	34	45	37	43	44	37	35	21	20	23	27	26	27	28	24	29	28	17	21	20	31	22	18	30.7
E	MAX	72		60	62	48	46		62	71	75	72	64	69		65	62	35	32	34	38		34	44	52	48	36	29			50	32	53.8
	MIN		43	47	45	34	36		28	36	45	32	44	48		41	30	26	21	31	32		19	21	34	31	12	17			26	12	33.0
CENTER	MAX	80	80	69	62	49	51	55	65	70	82	76	65	70	65	64	57	36	36	35	44	34	34	43	56	46	34	36	53	64	36	31	54.1
	MIN	40	48	38	45	30	29	26	28	28	31	31	32	44	37	38	27	19	23	26	30	27	20	18	22	24	11	11	26	28	22	17	28.6
AN	MAX	80	76	59	54	48	45	50	65	70	78	71	60	67	65	65	60	35	37	40	41	34	28	30	50	52	33	30	45	51	50	31	51.6
	MIN	44	44	50	45	35	35	37	26	33	33	28	37	39	39	37	28	27	21	25	30	24	15	15	23	28	12	13	14	24	25	11	28.9
LEY EXP FARM	MAX	60	84	74	65	51	46	40	56	68	72	74	74	74	64	68	63	64	45	43	41	48	35	40	49	60	53	35	52	48	45	41	55.9
	MIN	50	49	43	43	35	35	26	32	40	38	38	37	38	40	35	30	25	26	23	31	26	22	19	21	32	20	13	22	22	21	7	30.3
RE 1 W	MAX	77	60	54	49	44	44	45	67	72	72	60	70	64	65	60	50	37	41	37	37	31	37	48	51	43	32	47	42	40	32	27	49.5
	MIN	45	46	46	42	35	35	21	32	32	39	29	41	51	35	38	29	17	14	18	29	17	18	22	30	30	14	10	15	27	23	7	28.6
WOODS	MAX	65	59	68	62	52	52	64	80	71	62	64	65	68	64	58	40	36	36	42	39	34	52	56	47	40	36	55	62	54	31	28	53.0
	MIN	40	41	31	46	46	32	37	47	45	37	47	35	51	39	39	22	26	32	26	27	25	32	38	24	34	22	28	40	26	22	22	34.2
NDALE	MAX	86	75	65	55	47	48	56	69	75	78	65	76	66	70	71	58	38	45	41	41	35	43	51	61	48	40	54	49	48	39	30	55.6
	MIN	45	51	45	45	37	37	27	35	42	42	41	43	56	42	40	32	28	29	25	29	30	25	20	29	35	23	15	26	32	24	16	33.7
NG	MAX	76	66	64	52	50	56	65	70	80	71	66	63	65	64	55	35	36	35	38	34	35	48	58	48	32	35	52	62	52	28	28	52.2
	MIN	44	52	44	43	37	32	34	33	42	42	37	47	38	37	34	23	25	26	28	28	25	21	25	28	25	8	23	33	27	24	16	31.6
O WB AIRPORT	MAX	84	79	56	52	49	48	52	68	66	76	65	73	65	69	66	46	41	42	41	44	39	44	45	56	45	35	45	43	46	31	27	52.8
	MIN	52	50	50	45	43	37	30	33	38	46	45	47	56	45	41	32	25	26	23	38	31	27	24	33	33	18	16	24	30	11	5	34.0
ENDEN	MAX	79	68	58	53	45	55	69	70	72	72	63	68	65	63	63	47	36	40	38	38	40	41	46	53	43	39	54	51	48	32	29	52.8
	MIN	52	50	47	41	35	27	33	36	38	45	33	42	50	40	40	30	25	21	29	28	26	16	22	26	30	24	15	23	24	24	8	31.6
AN	MAX	82	77	65	56	49	47	54	68	71	76	65	77	69	70	69	62	39	43	43	40	37	41	48	60	49	38	50	44	47	37	30	54.9
	MIN	43	52	42	46	40	37	31	31	37	44	42	47	58	44	40	32	27	29	24	29	30	28	24	29	35	23	15	25	34	24	12	34.0
YATES	MAX	83	72	72	56	51	49				75	69	71	69	68	67	49	35	39	49	45	34	42	50	61	51	38	56	60	54	39	30	54.8
	MIN	43	42	40	44	38	30				26	37	45	52	35	44	30	21	29	32	32	28	26	22	37	34	19	18	32	32	24	10	32.2
OLM WILDLIFE REF	MAX	75	68	56	53	50	50	69	68	78	70	64	67	64	63	58	44	37	36	38	39	35	44	55	52	39	34	50	58	53	33	29	52.6
	MIN	50	50	50	44	36	30	40	38	45	49	33	43	48	44	36	27	28	28	30	28	25	14	21	31	29	14	15	26	31	27	19	33.2
ERTON	MAX	84	75	62	53	47	47	56	69	76	76	63	75	67	70	70	57	38	43	41	41	36	41	50	60	51	39	52	48	47	38	35	55.1
	MIN	45	60	46	45	39	37	26	37	39	49	40	44	56	39	38	32	28	30	35	30	29	25	20	28	35	22	20	37	36	23	25	35.3

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GACKLE	MAX	84	74	65	59	45	45	61	73	72	63	71	66	72	67	68	50	36	42	41	40	35	40	50	62	47	39	51	55	47	32	29	54.
	MIN	50	44	45	41	36	36	36	36	51	40	43	47	40	40	38	30	26	26	24	32	26	20	25	33	35	18	15	25	30	22	7	32.
GARRISON	MAX	79	66	56	48	51	50	63	69	77	72	60	61	63	62	58	35	35	35	38	34	35	44	53	49	37	32	55	61	35	31	29	50.
	MIN	48	47	48	40	35	37	21	34	36	44	37	44	46	36	30	27	27	25	32	28	26	21	24	30	28	15	24	32	25	13	5	31.
GRAFTON STATE SCHOOL	MAX	79	76	56	55	53	51	55	73	72	70	68	72	69	70	68	61	39	41	38	35	35	40	47	53	51	36	44	44	43	33	32	53.
	MIN	48	45	47	41	43	36	36	35	33	43	38	40	56	40	40	33	19	20	18	30	26	24	19	30	30	15	12	17	31	25	6	31.
GRAND FORKS CAA	MAX	80	67	54	50	49	47	55	70	71	71	58	72	63	69	64	43	36	40	38	38	34	40	47	55	40	35	47	41	41	31	33	50.
	MIN	52	47	48	42	40	39	34	34	35	46	44	44	52	43	41	27	22	24	21	32	29	24	21	32	32	16	15	20	30	13	9	32.
GRAND FORKS UNIVERSITY	MAX	79	68	59	50	50	47	46	70	67	69	51	66	72	71	64	50	39	39	36	37	35	40	47	55	48	35	46	40	40	33	33	51.
	MIN	50	45	48	39	40	38	38	35	35	37	42	44	44	41	41	35	25	27	23	34	30	25	22	32	34	17	14	18	33	24	10	32.
GRAND RAPIDS 1N	MAX	82	76	64	56	48	45	57	69	74	77	64	75	66	69	70	58	56	45	40	41	36	41	52	61	48	38	51	48	45	37	33	55.
	MIN	45	54	45	45	38	37	25	32	35	41	38	47	48	36	37	33	26	29	20	35	29	24	21	30	36	21	12	23	34	25	4	32.
GRANVILLE	MAX	78	66	57	54	49	56	64	67	78	75	64	70	63	63	61	43	43	39	38	38	36	45	45	47	37	33	54	58	46	34	32	52.
	MIN	47	51	48	45	35	36	27	35	38	45	35	48	48	41	40	29	26	20	30	31	25	15	21	29	30	15	18	26	30	27	10	32.
GRENORA	MAX		66	69	52	56	59	65	70	79	77	75	57	65	60	50	37	42	35	35	32	35	46	58	50	31		56	58	65	30	24	52.
	MIN	45	59	46	42	40	41		35	38	36	32	37	38	38	35	22	19	26	29	27	24	29	22	26	24	24	27	24	27	22	14	31.
HANKINSON R R STATION	MAX	78	84	80	60	50	50	57	50	67	67	78	71	74	64	70	70	45	40	43	44	43	35	40	44	58	40	32	47	47	49	32	55.
	MIN	37	53	52	48	41	38	33	35	34	41	43	44	45	45	40	34	28	28	23	30	31	27	22	22	33	28	15	15	26	27	12	33.
HANNAH	MAX	74	52	54	48	45	41	57	70	73	69	62	63	63	63	58	48	38	40	34	32	28	36	49	47	40	32	43	40	41	28	28	48.
	MIN		44	46	40	34	34	24	34	34	40	32	38	42	38	40	28	17	14	13	27	22	16	21	36	28	11	12	15	27	20	8	27.
HANSBORO	MAX	74	55	54	45	45	47	60	70	74	69	61	68	62	63	58		35	41	34	32	30	40	50	45	37	31	44	42	44	29	28	48.
	MIN	50	46	45	39	36	34	25	39	40	40	31	37	49	40		28	24	15	24	28	23	15	20	30	27	12	13	18	27	24	13	29.
HETTINGER	MAX	82	71	65	53	47	52	62	68	78	73	64	62	62	66	58	38	31	35	52	34	32	34	36	49	38	32	54	63	43	36	32	51.
	MIN	49	48	47	43	35	35	34	36	40	43	40	40	44	42	30	24	21	28	29	29	28	25	22	32	30	24	25	31	31	17	16	32.
HILLSBORO	MAX	82	73	55	50	49	50	53	71	69	75	60	73	67	72	66	63	39	43	38	40	30	43	46	55	48	37	46	47	42	35	33	53.
	MIN	42	48	46	43	39	36	29	33	38	46	40	42	40	42	35	34	21	27	18	32	30	19	26	30	33	18	13	20	35	23	6	31.
JAMESTOWN CAA	MAX	82	74	57	48	45	49	56	69	74	74	55	74	65	69	67	42	36	44	39	38	38	44	50	58	40	32	54	49	45	32	27	52.
	MIN	53	47	47	42	37	36	26	34	38	40	37	46	46	40	37	32	26	26	24	32	25	22	23	31	32	14	14	23	27	22	6	31.
JAMESTOWN STATE HOSP	MAX	81	73	56	51	45	45	56	69	74	71	60	74	66	67	67	54	37	42	40	39	36	42	49	60	44	36	54	49	45	31	29	53.
	MIN	50	53	49	44	38	36	29	33	40	43	39	46	55	41	39	32	27	27	24	33	27	24	25	32	33	19	16	26	31	24	8	33.
KENMARE	MAX	82	75	57	53	44	42	52	65	70	77	73	63	69	64	61	55	34	35	35	35	31	35	42	53	42	32	31	51	59	35	30	51.
	MIN	48	48	49	42	35	35	34	39	40	45	34	35	42	41	39	26	24	26	26	27	24	20	23	26	26	11	11	26	30	21	20	31.
KENSAL WILDLIFE REFUGE	MAX	82	73	60	54	45	46	58	71	75	73	68	72	67	67	67	51	36	45	39			44	49	61	49	37	[illegible]	53	44	30	31	55.
	MIN	50	52	45	44	35	35	21	33	36	41	34	44	50	35	39	31	25	21	21		22	20	20	31	32	14	8	22	30	22	4	30.
LANGDON EXP FARM	MAX	76	65	54	50	42	42	56	70	72	73	62	68	63	62	58	55	54	50	45	34	40	37	47	48	43	48	43	43	40	28	30	51.
	MIN	45	45	45	42	35	33	26	34	35	40	34	34	48	36	40	28	16	14	24	28	14	12	22	30	28	12	11	15	28	23	6	28.
LARIMORE	MAX	80	61	55	56	49	46	55	71	70	69	63	70	67	68	63	56	38	39	35	36	33	40	50	54	47	46	48	44	43	32	33	52.
	MIN	54	49	48	44	42	37	38	35	38	42	41	42	57	42	41	34	22	20	21	32	27	25	23	30	32	21	12	20	31	25	9	33.
LEEDS	MAX	79	66	58	50	47	45	62	71	76	72	61	71	64	66	62	48	43	36	36	36	36	43	52	51	42	34	52	47	46	31	31	52.
	MIN	49	48	47	42	34	36	25	36	36	44	35	41	52	40	42	30	14	27	27	30	21	16	22	32	30	15	11	13	29	25	11	31.
LINTON	MAX	86	73	75	59	58	50	60	70	76	75	66	71	69	68	67	50	35	40	45	43	35	43	49	63	48	38	55	57	54	34	33	56.
	MIN	46	51	40	46	40	38	24	30	31	38	42	50	54	33	44	32	30	30	30	31	28	24	27	38	35	19	18	31	34	25	23	34.
LISBON	MAX	91	86	78	58	58	48	47	54	70	72	77	64	73	68	71	69	47	39	43	42	55	50	43	42	61	40	34	40	42	47		56.
	MIN	47	49	47	46	40	38	30	30	39	39	42	42	53	40	35	34	27	30	18	30	22	28	19	22	34	22	11	24	30	24		33.
LOSTWOOD 12N	MAX	71	62	55	49	42	51	63	68	76	74	65	64	63	59	52	35	34	32	33	32	32	41	52	48	32	28	50	59	52	28	24	49.
	MIN	45	49	47	39	33	30	29	23	36	39	33	36	42	36	35	23	25	24	27	26	20	15	21	30	24	10	18	26	26	23	14	29.
MADDOCK AGR SCHOOL	MAX	78	65	58	51	47	44	58	68	75	73	62	70	62	63	63	47	37	41	37	35	37	40	51	54	43	34	53	49	46	31	28	51.
	MIN	49	49	47	42	31	34	23	35	34	44	36	43	52	39	39	30	24	15	26	31	26	14	19	31	30	14	10	19	31	26	9	30.
MANDAN EXP STATION	MAX	82	81	70	68	48	50	48	60	70	75	73	59	67	65	66	63	37	35	37	42	35	36	42	52	52	38	34	57	61	39	31	54.
	MIN	55	53	41	40	38	31	27	34	35	42	37	41	52	40	42	30	29	26	29	33	29	20	22	32	33	17	19	32	34	24	19	33.
MANOAN FT LINCOLN PARK	MAX	84	72	72	53	53	51	62	72	77	74	70	67	68	66			38	45	42	47	45	53	56	44	37	59	62		52	34	30	56.
	MIN	54	51	41	45	38	33	25	35	37	44	43	51	38	41	32	30	25	31	33	29	21	21	34	33	15	20			32	24	20	33.
MARMARTH	MAX	81	87	65	60	55	60	66	72	83	75	68	70	63	68	55	37	34	37	54	35	35	43	54	43	36	34	55	63	43	31	27	54.
	MIN	41	47	46	45	45	28	32	28	32	33	42	45	43	32	35	27	25	25	25	31	29	28	33	25	30	27	25	26	28	20	10	31.
MAX	MAX	79	79	58	61	47	47	48	60	71	76	76	61	64	63	63	57	35	34	34	37	34	35	44	52	52	35	29	56	57	42	30	52.
	MIN	48	50	52	44	35	33	29	29	37	38	37	41	48	39	39	27	27	24	25	24	22	20	21	21	26	15	18	29	29	25	16	31.
MAYVILLE	MAX	81	73	57	52	48	48	54	70	70	74	72	73	66	68	64	55	41	40	38	41	37	42	47	56	50	40	48	48	43	35	34	53.
	MIN	53	48	50	45	38	37	37	36	37	45	41	40	58	42	39	35	23	22	20	32	29	28	21	32	34	19	15	20	20	25	8	33.
MC CLUSKY	MAX	74	69	58	70	45	48	61	84	75	70	65	68	64	63	62	53	37	38	38	36	33	44	51	51	41	34	55	54	49	31	30	53.
	MIN	54	51	51	45	34	36	28	36	39	43	35	47	50	39	37	28	28	22	32	31	23	18	24	35	30	14	17	27	28	24	10	32.
MC HENRY 5 N	MAX	78	66	58	50	44	43	55	68	72	71	58	70	64	66	64	50	36	40	38	36	35	40	48	54	44	31	53	47	41	32	30	51.
	MIN	50	49	47	42	35	32	26	35	38	41	36	43	51	39	38	30	21	14	19	30	24	19	20	29	30	14	11	19	30	23	7	30.
MC LEOD 3 E	MAX	86	75	60	55	49	48	67	70	71	86	68	75	68	70	68	62	48	45	43	45	40	45	44	61	54	44	50	46	51	44	27	56.
	MIN	52	54	50	45	39	33	30	32	38	32	43	45	58	41	42	32	26	30	20	33	31	29	27	20	22	20	14	30	30	25	8	33.
MEDORA 4 NNE	MAX	80	75	65	56	49	62	66	72	84	74	74		70	68	56	39	36	39	50	38	36	47	52	47	38	36	58	66	59	32	29	55.
	MIN	42	48	38	45	43	37	31	23	30	32	39		37	33	38	26	19	23	26	31	29	22	17	25	28	22	21	21	30	22	12	29.
MINOT CAA	MAX	77	60	54	47	48	48	63	69	77	71	61	63	63	60	59	35	35	36	37	33	32	42	53	43	33	30	50	50	43	31	29	49.
	MIN	48	50	47	40	35	33	33	38	45	46	35	42	48	44	32	28	28	21	30	28	20	17	26	30	27	14	25	29	26	16	8	31.
MINOT EXP FARM	MAX	76	65	58	52	47	48	62	69	75	71	62	64	63	60	59	40	35	36	37	35	31	42	52	46	38	30	52	58	46	30	30	50.
	MIN	48	51	50	44	34	34	33	36	42	55	34	42	49	42	39	27	28	22	28	30	25	17	25	31	28	14	20	27	28	25	13	37.
MOHALL	MAX	75	61	55	48	48	47	64	68	77	73	61	65	64	63	56	43	35	36	37	38	34	40	54	43	39	32	51	56	50	31	23	50.
	MIN	46	50	48	40	33	32	28	37	49	45	29	44	42	40	38	26	28	25	31	29	23	16	22	28	28	10	19	23	31	23	19	31.
MOTT	MAX	84	71	67	57	47	54	61	70	79	74	65	61	64	67	57	40	36	36	52	44	32	35	44	49	40	32	57	65	51	34	28	53.
	MIN	45	50	42	43	39	28	28	31	31	37	32	37	44	32	36	27	16	27	27	29	27	28	22	27	29	19	25	29	33	30	17	30.
MUNICH 4 SW	MAX	78	64	56	50	48	43	59	72	73	72	61	69	62	65	60	40	35	40	34	32	31	38	48	49	41	32	45	40	42	30	30	49.
	MIN	45	45	46	40	32	35	23	31	36	36	28	41	41	34	41	28	18	13	21	29	22	16	23	30	28	12	11	15	31	24	7	28.
NAPOLEON 1 SE	MAX	84	73	70	55	50	48	57	66	72	73	57	70	66	66	65	48	35	40	42	41	33	40	49	61	45	35	51	52	48	32	28	53.
	MIN	50	51	39	44	33	35	22	37	33	44	37	46	53	40	39	30	28	27	23	32	25	19	23	34	32	17	16	28	30	22	12	32.

DAILY TEMPERATURES

ble 5 Continued

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
W ENGLAND	MAX	82	69	64	53	66	54	64	69	80	73	66	60	62	65	55	38	32	35	50	36	32	35	50	46	38	32	56	64	59	32	27	52.4
	MIN	49	49	43	43	40	33	30	33	34	40	34	39	42	38	35	24	19	27	23	30	27	23	22	27	28	23	25	20	29	27	18	31.4
W SALEM 1 S	MAX	82	70	62	53	47	55	62	71	77	73	60	58	65	60	47	36	33	35	36	36	37	41	48	48	53	50		63	46	28	25	51.9
	MIN	54	48	40	37	33	30	27	38	40	38	34	35	36	35	33	28	23	25	22	19	28	20	22	26	30	26	14	27	30	15	17	30.0
KES	MAX	81	84	71	65	50	47	45	55	67	72	76	61	76	66	70	69	43	38	43	42	40	34	41	50	60	40	31	51	46	46	30	54.5
	MIN	49	51	46	37	38	37	28	30	32	41	42	44	49	41	38	32	27	28	23	27	30	25	20	22	35	24	12	20	31	24	10	32.0
RK RIVER	MAX	79	72	55	54	49	48	56	72	70	71	65	72	68	68	63	61	38	40	35	33	34	38	44	52	48	36	47	46	45	33	32	52.4
	MIN	53	48	48	43	39	31	34	41	37	43	39	39	55	44	41	34	21	19	22	32	25	25	21	31	32	17	15	20	32	26	10	32.8
RSHALL	MAX	79	67	61	55	50	51	62	70	79	72	62	66	65	62	55	39	35	35	38	36	33	45	55	44	35	33	53	62	56	32	30	52.2
	MIN	41	50	45	44	36	28	30	30	30	41	30	40	46	36	37	24	28	25	30	29	25	19	24	27	27	12	20	33	27	24	16	30.8
RINA 2N	MAX	77	77	60	60	51	48	58	72	72	70	70	72	72	70	70	60	41	42	41	35	35	41	48	53	53	36	45	45	40	35	30	54.2
	MIN	48	43	48	48	45	34	37	33	36	46	37	41	57	40	37	33	17	17	20	28	26	24	19	29	30	17	29	21	28	16	10	32.1
TERSBURG	MAX	78	68	53	52	46	44	55	68	72	71	65	68	64	60	66	55	38	40	34	34	32	40	48	54	48	34	47	40	48	45	49	52.1
	MIN	49	48	47	42	37	33	30	35	35	43	38	43	50	48	38	27	21	18	22	29	23	21	21	29	29	13	14	17	15	9	9	30.1
TTIBONE	MAX	79	62	56	49	46	47	57	64	73	72	61	69	64	65	63	46	35	42	38	38	35	43	50	59	43	35	55	50	44	30	31	51.6
	MIN	48	55	48	44	35	37	25	33	37	42	39	44	50	39	41	30	27	24	30	31	25	19	22	32	32	16	15	25	30	21	6	32.3
TAL	MAX	76	80	56	49	45	55	60	58	71	78	73	63	65	65	59	52	31	35	33	33	29	35	45	54	37	32	35	53	57	33		51.6
	MIN	44	50	48	39	33	34	30	38	43	55	35	41	39	38	40	24	27	27	28	28	23	21	24	32	26	7	12	26	30	24		32.2
ERS LAKE 1N	MAX	73	60	57	50	48	50	62	67	78	70	62	63	67	60	58	39	32	32	35	32	30	42	52	37	31	29	49	58	42	28	24	48.9
	MIN	41	45	47	40	35	28	29	27	34	36	35	42	40	38	37	24	25	25	28	26	23	20	22	31	25	9	19	25	28	24	11	29.6
CHAROTON ABBEY	MAX	82	71	65	56	49	55	65	71	80	74	66	60	64	65	56	38	33	33	46	39	34	40	52	47	39	35	54	64	57	29	27	53.1
	MIN	53	50	45	43	38	32	32	36	43	43	38	42	46	38	35	25	22	25	28	30	26	27	26	30	27	15	23	28	29	22	16	32.7
EROALE	MAX	78	65	58	52	49	49	61	69	77	72	61	64	62	63	58	37	35	34	38	38	34	44	53	49	40	31	55	62	54	31	31	51.7
	MIN	51	52	47	44	35	35	29	36	37	47	33	44	49	43	37	28	29	23	30	30	27	22	23	33	29	15	18	32	27	23	12	32.9
LA	MAX	75	56	52	47	45	48	58	70	72	69	67	65	59	68	58	44	34	40	33	32	31	38	49	45	39	36	45	43	45	28	38	49.3
	MIN	53	47	45	38	35	33	26	41	39	37	46	38	46	39	38	28	24	17	25	27	22	12	21	30	26	11	13	18	26	20	10	30.0
RY	MAX	75	72	58	53	46	46	60	69	75	73	68	69	66	63	63	48	39	41	39	35	31	40	51	48	43	34	51	50	50	33	33	52.3
	MIN	47	50	47	43	35	34	27	35	36	43	36	44	51	40	44	30	26	17	31	31	27	15	24	32	30	15	16	21	31	27	11	32.1
HAVEN	MAX	75	66	53	48	46	48	59	70	74	70	59	66	59	61	60	43	33	40	34	32	30	37	51	44	38	32	45	42	45	29	26	48.9
	MIN	49	48	45	39	34	34	27	38	42	40	40	44	50	37	43	27	25	20	27	29	22	17	22	29	28	12	15	24	27	24	14	31.4
ISH	MAX	80	79	65	61	48	50	52	52	69	81	74	53	69	65	63	55	35	36	36	39	35	37	45	57	43	35	36	53	63	35	32	53.0
	MIN	41	42	41	41	38	30	31	30	32	34	36	35	45	36	41	27	25	26	26	30	26	21	21	27	28	14	14	22	33	24	21	30.3
RON	MAX	82	67	55	55	45	45	56	71	70	75	60	69	63	67	60	44	36	40	38	36	33	43	48	55	40	33	48	48	40	31	32	51.1
	MIN	52	51	47	45	38	35	35	37	37	47	41	41	50	41	40	31	23	19	22	30	25	24	23	30	31	16	14	18	30	23	10	32.5
NLEY	MAX	75	60	50	50	49	67	70	71	73	77	72	66	62	60	50	33	34	35	35	33	31	43	54	43	39	32	50	60	45	28	26	50.7
	MIN	41	50	40	38	31	27	28	29	28	27	27	22	28	39	27	26	24	24	27	26	23	20	19	24	23	11	20	30	25	21	15	27.1
NER	MAX	82	65	54	47	59	58	68	72	77	74	68	70	66	68	67	52	38	42	57	38	43	39	54	48	40	33	55	36	37	35	31	54.0
	MIN	43	49	39	33	24	29	30	24	34	43	28	42	41	39	41	27	22	14	29	30	18	12	21	29	28	12	18	21	23	22	10	28.2
TLE LAKE	MAX	78	69	61		54	50	62	69	75	72	64	67	62	62	61	48	35	38	38	36		45	53	51	41	35	55	57			38	54.7
	MIN	48	50	48		35	34	25	36	35	45	34	45	51	39	39	28	27	21	30	29		20	19	30	30	13	19	30	23	23	11	31.6
ERWOOD 12 W	MAX	80	67	61	58	59	51	63	70	79	74	63	65	65	65	60	44	37	37	40	37	35	46	55	55	40	42	60	63	55	32	27	54.4
	MIN	45	43	43	45	36	26	26	31	32	38	32	39	51	35	38	29	32	26	29	32	28	15	20	20	22	16	16	34	28	25	7	30.3
AM 3N	MAX	78	69	59	52	50	51	62	73	77	72	66	70	68	66	64	51	42	43	38	34	36	42	54	48	39	34	52	53	51	34	31	53.5
	MIN	41	51	48	44	43	36	28	31	34	37	30	43	39	40	41	27	25	22	32	29	24	15	22	30	29	14	14	24	31	25	11	31.1
LEY CITY	MAX	83	78	63	56	47	46	54	69	72	75	69	72	64	65	67	63	39	42	40	39	37	40	47	58	55	39	50	49	43	38	30	54.5
	MIN	50	52	49	45	38	38	28	32	36	42	42	45	55	40	36	32	25	30	20	35	28	26	22	30	34	21	13	25	37	23	10	33.5
HOOK	MAX	78	71	59	59	50	51	61	69	80	72	68	66	64	62	55	38	35	35	38	36	32	44	56		35	33	53	63	47	30		53.1
	MIN	42	51	45	44	38	30	29	36	34	44	33	44	47	39	38	26	29	27	29	29	27	20	26		27	12	20	34	28	25		32.9
VA	MAX	76	68	59	53	47	48	62	69	76	71	63	66	63	63	60	42	36	39	38	37	34	45	54	47	38	32	54	58	56	32	30	52.1
	MIN	50	51	50	45	36	37	29	36	37	48	29	41	48	43	41	29	28	20	30	32	27	15	23	32	30	15	16	27	29	26	15	32.7
PETON STATE SCHOOL	MAX	84	80	75	54	51	49	52	66	65	78	73	74	72	72	70	66	42	45	43	43	41	44	44	57	56	39	46	46	49	37	30	56.2
	MIN	52	57	52	47	42	37	31	32	37	45	42	47	58	52	43	35	28	33	25	38	32	28	24	32	38	25	18	25	35	26	8	36.3
RBURN	MAX	80	73	64	55	51	49	61	70	75	74	61	64	65	69	64	50	42	38	40	39	36	44	51	52	42	37	56	61	49	32	29	54.0
	MIN	50	51	45	44	36	33	28	34	34	42	34	45	34	39	40	28	29	26	31	32	28	20	30	35	32	13	19	33	30	24	13	32.6
ORO CITY	MAX	78	65	57	56	50	59	66	70	71	72	66	62	66	65	58	35	38	36	41	36	36	48	57	49	33	36	36	63	51	30	27	52.0
	MIN	45	51	44	44	39	35	34	34	39	42	40	46	41	37	33	24	18	26	26	27	27	21	23	30	26	8	8	29	27	22	15	31.0
HOPE	MAX	74	58	56	47	46	47	62	70	68	75	61	69	64	61	57	36	36	37	38	36	34	40	52	43	33	28	50	50	41	30	27	49.2
	MIN	42	48	44	38	32	34	28	32	37	44	32	45	46	40	32	27	27	20	31	27	21	15	23	30	27	11	17	25	24	20	10	30.0
ISTON WR CITY	MAX	74	68	56	50	49	58	65	71	79	72	65	56	65	64	53	33	39	37	40	35	36	49	57	43	32	35	53	63	44	29	26	51.5
	MIN	49	51	48	42	40	38	38	37	38	50	41	44	42	43	30	24	22	28	30	31	28	26	29	28	19	11	26	33	27	24	9	33.1
OW CITY	MAX	76	61	55	49	48	49	63	71	75	73	58	69	62	62	60	41	39	42	38	34	35	40	53	46	37	31	49	49	41	35	31	50.7
	MIN	45	47	46	38	33	33	22	30	31	42	31	40	49	32	37	29	26	16	28		22	14	20	27	27	14	13	19	28	19	12	29.0
ON RR STATION	MAX	80	77	68	60	45	48	47	59	67	73	71	57	65	62	63	60	33	34	36	38	32	37	42	50	50	37	30	54	56	35	29	51.3
	MIN	54	51	45	43	34	33	26	38	41	42	35	37	48	39	38	26	26	23	24	29	25	18	19	23	29	13	14	29	31	22	8	31.1
EK	MAX	78	82	73	50	48	50		56	67	75	73	70	62	63	54	50	45	40	38	35	32	30	32	44	46	39	43		53	45	30	51.8
	MIN	41	45	43	38	37	38		33	43	44	43	43	42	40	36	33	28	28	30	27	27	19	18	27	31	18	7			20	14	31.9

EVAPORATION AND WIND

le 6

Station		Day of month																													Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ells 5 E	EVAP	.11	.10	*	*	.01	.06	.05	.06	.10	.16	.11	.13	.05	.11	.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	25	30	20	109	33	42	31	5	48	91	37	163	57	103	103	298	93	134	65	64	43	68	2	162	83	140	*	*	372	74	59	2554
ley Exp. Farm	EVAP	.16	.19	.14	-	*	*	.07	.05	.13	.22	.04	.04	.09	.04	.14	.08	.09	.04	.02	.04	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	91	50	90	88	71	87	122	78	164	144	136	56	65	78	61	128	69	84	90	75	-	-	-	-	-	-	-	-	-	-	-	-
rdale	EVAP	.11	.13	.07	.06	.07	.02	.02	.20	.15	.09	.22	.04	.11	.11	.14	.14	.08	.03	.02	.01	.01	.06	.04	.05	.04	.07	.06	.10	-	-	-	2.41B
	WIND	54	87	66	154	84	67	83	49	58	99	127	125	97	67	146	198	111	103	91	135	98	63	149	168	123	95	124	132	139	163	80	3335

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL																	0.2	0.4			T				T					3.3	0.4
	SN ON GND																	–	–	–	–	–	–	–		T					3	4
AMENIA	SNOWFALL																														6.0	
	SN ON GND																														2	–
AMIOON	SNOWFALL																	T	0.5			0.8			T						1.0	0..
	SN ON GND																	T	1	–		1	1								1	1
ASHLEY	SNOWFALL																	T			0.3										1.5	
	SN ON GND																				T										1	–
BEACH	SNOWFALL																									0.6					3.0	1.0
	SN ON GND																									1					3	3
BELCOURT INDIAN RES.	SNOWFALL																				T					T			T		T
	SN ON GND																				T					T				T	T
BELFIELD	SNOWFALL																	T												–	–
	SN ON GND																													–	–
BEULAH	SNOWFALL																													2.7		
	SN ON GND																													3	3	3
BISBEE	SNOWFALL																			T	T										T	T
	SN ON GND																															
BISMARCK WB CITY	SNOWFALL																		T								T				3.4	T
	SN ON GND																														3	2
BISMARCK WB AP	SNOWFALL																T	T	T		T	T				T				D.5	1.4	0.1
	SN ON GND																	T	T												2	
BOTTINEAU	SNOWFALL																				1.0					1.5	T		T	T	T	T
	SN ON GND																									1						
BOWBELLS	SNOWFALL																T	T		T						2.0	T	T			T	T
	SN ON GND																T									2	T				T	T
CARSON 2 SW	SNOWFALL																										0.5				7.0	
	SN ON GND																										–				7	–
CENTER	SNOWFALL																				T									T	7.0	T
	SN ON GND																													T	2	2
CROSBY	SNOWFALL																T		T	–	–				–	1.0	T				T	T
	SN ON GND																–			–	–				–	1	–				–	–
DEVILS LAKE WB CITY	SNOWFALL																T			0.2	T	T							T		T	0..
	SN ON GND																			T	T	T									T	T
DICKINSON CAA AP	SNOWFALL															T		0.3	0.2		T	T			T	T			1.9	1.3	1..
	SN ON GND																	T	T										T	3	4
DICKINSON EXP STA	SNOWFALL																					T								3.0	1.0
	SN ON GND																													3	4
DUNN CENTER	SNOWFALL																		T			T				1.0				4.0	0..
	SN ON GND																		T	T		T				1	T			4	2
EDMORE 1 W	SNOWFALL																			1.0	T										1..
	SN ON GND																			1	1	T	T								1
ELLENDALE	SNOWFALL																	T			T	0.5									9.0	0..
	SN ON GND																				T										5	5
FARGO WB AP	SNOWFALL																	T	T				T				T			0.8	7.0	0..
	SN ON GND																														5	5
FORT YATES	SNOWFALL																	T	–		–										0.3	T
	SN ON GND																	–	–	–	–	–	–								–	–
FOXHOLM WILDLIFE RE	SNOWFALL																														T	–
	SN ON GND																															–
FULLERTON	SNOWFALL																				1.4										5.5	T
	SN ON GND																				–										4	–
GARRISON	SNOWFALL																													2.0		
	SN ON GND																													2	2	2
GRAFTON ST SCHOOL	SNOWFALL																			0.1											T	1..
	SN ON GND																														–	–
GRAND FORKS CAA AP	SNOWFALL																		T	T	T	T	T								T	1..
	SN ON GND																															
GRAND FORKS UNIV	SNOWFALL																														T	0..
	SN ON GND																															–
GRANVILLE	SNOWFALL																									T				T	T	T
	SN ON GND																															T
HANSBORO	SNOWFALL																			T	T	T				T					T	T
	SN ON GND																			T						T						
HETTINGER	SNOWFALL																	T			3.0					T					4.0	T
	SN ON GND																	T			3	2	T	T	T	T	T				3	3
JAMESTOWN CAA AP	SNOWFALL																				T	T				T				D.1	4.6	0..
	SN ON GND																				T									T	3	2
KENSAL WILDLIFE RE	SNOWFALL																														4.0	T
	SN ON GND																														4	4
KILLDEER B NW	SNOWFALL																	T	D.5							2.0	T			3.0	3.0	T
	SN ON GND																	T	T	T						2				3	6	6
MANDAN EXP STA	SNOWFALL																														5.0	T
	SN ON GND																														5	5
MAYVILLE	SNOWFALL																			T	T						T				T	T
	SN ON GND																														T	T
MC CLUSKY	SNOWFALL																													0.2	2.8	
	SN ON GND																													T	3	2

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NRY 5 N	SNOWFALL																														0.5	0.4
	SN ON GND																														T	1
A 4 NNE	SNOWFALL																	T	1.0							T				T	3.0	0.1
	SN ON GND																		1													2
EXP FARM	SNOWFALL												T													1.0						T
	SN ON GND												T	T																		1
	SNOWFALL																									2.0					T	
	SN ON GND																									1						
ELIER	SNOWFALL																					0.7	T								3.8	0.2
	SN ON GND																					1									4	4
	SNOWFALL																	T	T		2.0	1.0				1.0					3.8	T
	SN ON GND																	T	T		1	1				1					4	4
H 4 W	SNOWFALL																			0.5											T	0.2
	SN ON GND																															1
EON 1 SE	SNOWFALL																	T			0.5	0.5					0.2				2.9	0.3
	SN ON GND																				1	T									2	2
	SNOWFALL																					1									4.0	
	SN ON GND																														4	-
ALL	SNOWFALL																					T				1.0				2.0	T	T
	SN ON GND																													-	-	-
BURG	SNOWFALL																			-	-											
	SN ON GND																															-
ONE	SNOWFALL																			T											2.6	T
	SN ON GND																														2	2
ROCK	SNOWFALL																	1.0	1.0	1.0	4.0										3.0	1.0
	SN ON GND																		1	2	4	2	2	1							3	3
DTON ABBEY	SNOWFALL															T		0.2	0.4		T	0.1				T	T			T	4.4	0.7
	SN ON GND																	T	T			T				T	T			T	4	5
ALE	SNOWFALL																													-	2.0	T
	SN ON GND																														-	-
	SNOWFALL																			1.0						0.5			T		T	
	SN ON GND																			-	T	T				T						
VEN	SNOWFALL																			T	T					T					T	T
	SN ON GND																														T	T
	SNOWFALL																				T	T									1.0	T
	SN ON GND																														T	T
Y	SNOWFALL																									T					-	T
	SN ON GND																														-	-
3 N	SNOWFALL																			T											T	T
	SN ON GND																															
CITY	SNOWFALL																					T									5.5	T
	SN ON GND																														-	-
ON ST SCHOOL	SNOWFALL																						1.5					3.5				
	SN ON GND																											2	1	1	1	1
PE	SNOWFALL																			T						1.0					T	T
	SN ON GND																									T	-				T	T
TON WB CITY	SNOWFALL															T	T	T	T			0.1			T	0.9				2.2	0.1	0.3
	SN ON GND																									T	T			2	2	2
CITY	SNOWFALL																			-												
	SN ON GND																															T

See reference notes following Station Index.

STATION INDEX

Station	Index No	County	Drainage‡	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
[illegible]	0922	WALSH	13	48 [illegible]	98 06	–		6P	MYRON J. [illegible]	2
ALEXANDER	0096	MC KENZIE	13	47 50	103 38	2 [illegible]0		6P	ARTHUR J. [illegible]UMAN	3
ALMONT 7 SW	0136	MORTON	4	46 43	101 39	2303	8A	7P	HOGAN RAMSLAND	2 3 7
AMBROSE	0189	DIVIDE	12	48 58	103 28	2000		6P	JAMES A. OPPER	3
ANAMIA	0196	CASS	11	47 [illegible]0	97 13	961	5S	S	VIRGIL L. DEBEKE	2 3 5 7
AMIDON	0209	SLOPE	1	46 40	103 19	2910	8A	8A	TATIE I. ZUNTZ	3 5 7
ANTLER	0243	BOTTINEAU	1	48 58	101 20	[illegible]340		MID	W. M. WEAVER	3
ARVILLA -TATE FARM	0360	GRAND FORKS	10	47 56	97 20	967	6P	6P	ALBERT THORP	3 5 7
ASHLEY	0382	MC INTOSH	8	46 02	99 22	0[illegible]	8A	8A	SOO LINE AGENT	3 5 7
BALDHILL DAM	0450	BARNES	11	47 02	98 05	1[illegible]0	8A	8A	F. A. [illegible]HAN	3 5 7
BALTA	0483	PIERCE	1	48 [illegible]1	10[illegible]	–		6P	FRANCI[illegible] [illegible]YKONEN	3
BANTRY	0516	MC HENRY	1	48 35	1[illegible]6 36	+		6P	T. MPL[illegible] K. R[illegible]BERT	3
BEACH	0590	GOLDEN VALLEY	7	46 5	1[illegible]4 01	2814	6A	6A	HELEN T[illegible]BIA	3
BELCOURT INDIAN RES	0626	ROLETTE	3	48 52	99 45	1[illegible]96	7P	7P	TURILLE MI[illegible]N A.	3 5 7
BELFIELD	0639	STARK	4	46 52	103 1[illegible]	[illegible]9	7P	7P	KARL IN[illegible]A	3 5 7
BERTHOLD	0729	WARD	13	48 19	101 44	2160		6P	[illegible]LE [illegible]LIX	3
BEULAH	0766	MERCER	4	[illegible]6 [illegible]0	[illegible]01 47	1[illegible]80		6P	[illegible]KIFE [illegible]V[illegible]SA	3
BISBEE	0796	TOWNER	1	48 27	99 [illegible]2	[illegible]0[illegible]	8A	8A	ROBERT A. [illegible]ER	3 5 7
BISMARCK WB CITY	0814	BURLEIGH	8	46 48	1[illegible]0 48	[illegible]1[illegible]	9A	9A	U.S. WEATHER [illegible]E	3 5 7
BISMARCK WB AIRPORT	0819	BURLEIGH	8	[illegible]6 [illegible]6	1[illegible]0 45	1550	MID	MID	[illegible]. [illegible]AETHER	3 5 7
BOTTINEAU	0941	BOTTINEAU	1[illegible]	48 [illegible]0	[illegible]0 2[illegible]	[illegible]423	8A	8A	N. D. [illegible]TE FOR[illegible]	3 5 7
BOWBELLS	0961	BURKE	1[illegible]	48 [illegible]8	1[illegible]2 1[illegible]	1[illegible]12	8A	8A	[illegible]AT [illegible]. FARM[illegible]	3 5 7
BOWBELL [illegible]E	0966	WARD	1	48 47	1[illegible]2 0[illegible]	1[illegible]5	8A	8A	[illegible]. VE PINGITSA R.	3 5 7
BOWMAN COURT HOUSE	0995	BOWMAN	1	46 11	1[illegible]3 1[illegible]	2811	5P	5P	[illegible]. R. [illegible]. W	3 5 7
BOWMAN 11 SE	0998	BOWMAN	1	[illegible]6 [illegible]0	1[illegible]03 [illegible]	–		6P	[illegible]. S. [illegible]. [illegible]. [illegible]	3
BOWMAN 3 NNW	1001	SLOPE	1	46 [illegible]5	[illegible] [illegible]	[illegible]		6P	[illegible] [illegible]. [illegible]	3
BREIEN	1052	MORTON	4	46 24	10[illegible]1 47	17[illegible]		MID	[illegible]. [illegible]. [illegible]	3
BUCHANAN	1124	STUTSMAN	1	[illegible]7 [illegible]4	[illegible]9 44	–		MID	[illegible]. [illegible]. [illegible]	3
BURT 16 N	1211	METTINEN	1	[illegible]6 [illegible]0	1[illegible] [illegible]	[illegible]		[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]TTE	1225	MC LEAN	1	[illegible] [illegible]	[illegible] [illegible]	1[illegible]0[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]WOOD	1288	OWNER	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]		MID	[illegible]. [illegible]. [illegible]	3
[illegible]RLINGTON	1361	FOSTER	1	[illegible]7 [illegible]	[illegible] [illegible]	[illegible]		[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]ON	1362	GRANT	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]		[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible] N 2 SW	1370	GRANT	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]		[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]WNTER	1435	PEMBINA	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]		[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]TNER	1466	OLIVER	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]		[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]RIE	1486	[illegible]	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]		[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]UMBO	1496	BOYCE	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]		[illegible]	[illegible]. [illegible]. [illegible]	3
OPERSTOWN	1765	GRIGGS	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]		[illegible]	[illegible]. [illegible]. [illegible]	3
URTENAY	1816	STUTSMAN	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]		[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]SBY	1851	DIVIDE	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]EVILLE LAKE WB CITY	1918	RAMSEY	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]	MID	MID	[illegible]. [illegible]. [illegible]	3
[illegible]CKINSTON CAA AP	2183	STARK	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]	MID	MID	[illegible]. [illegible]. [illegible]	3
[illegible]CKINSTON EXP [illegible]ATION	2188	STARK	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]		6A	[illegible]. [illegible]. [illegible]	3
[illegible]NNYBROOK	2242	WARD	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]		[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]RAKE	2298	MC HENRY	1	47 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]NN C NTER	2365	DUNN	1	47 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]RMAN	2472	BOTTINEAU	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]DGELEY EXP [illegible]ARM	2482	LA MOURE	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]DMORE 1 W	2582	RAMSEY	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
ELBOWOODS	2670	MC LEAN	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
ELGIN E S	2692	GRANT	1	[illegible] [illegible]	[illegible] [illegible]	–	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
ELLENDALE	2[illegible]5	DICKEY	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
ERPING	2735	WILLIAMS	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]DMOND	2767	BURKE	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]IRFIELD 9 N	2809	[illegible]T [illegible]IN	1	[illegible]7 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]RGO WB AIRPORT	2859	CASS	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]	MID	MID	[illegible]. [illegible]. [illegible]	3
[illegible]CENDEN	2949	WELLS	5	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]LHER	3009	MORTON	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]LAXION	3019	BURKE	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]RBES 13 NW	3064	DICKEY	5	[illegible]6 [illegible]	[illegible] [illegible]	–	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]RMAN	3117	ARGENT	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]RD YALE	3127	STOW	5	[illegible]6 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]NHOLM WILDLIFE REFUGE	3187	WARD	1	[illegible]8 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]TYBURG	3217	[illegible]IN	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
TULLERTON	3287	DICKEY	5	[illegible]6 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]VALE	3319	LOGAN	1	[illegible]6 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]NGTON	3376	MC LEAN	1	[illegible]6 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]LLEN 13	[illegible]	MERCER	1	[illegible]6 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]DEN VALLEY [illegible]	529	MERCER	1	[illegible]7 [illegible]	[illegible] [illegible]	–	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible] CITY	9583	FOSTER	[illegible]	[illegible] [illegible]	[illegible]5 [illegible]	–	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]TON TATE 3 NNW	1[illegible]94	WALSH	[illegible]	[illegible]7 [illegible]	97 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible] FORK CAA AP	3611	GRAND FORKS	[illegible]	[illegible]7 [illegible]	97 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible] PARK UNIVERSITY	3621	GRAND FORKS	[illegible]	[illegible]7 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible] RAPIDS 1 N	3665	LA MOURE	[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible] LE	3[illegible]6	MC HENRY	2	[illegible]8 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible] BUTTE	3698	MC KENZIE	[illegible]	[illegible]7 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible] BUTTE 1 N	3[illegible]1	MC KENZIE	[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]	736	WILLIAMS	5	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]	[illegible]	BOWMAN	[illegible]	[illegible] [illegible]	[illegible] [illegible]	–	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]	3846	DUNN	5	[illegible]7 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]	[illegible]908	RICHLAND	[illegible]	[illegible]6 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]	[illegible]936	CAVALIER	1	[illegible]8 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]	3963	TOWNER	1	[illegible]8 [illegible]	[illegible]9 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]	[illegible]913	WELLS	[illegible]	[illegible]7 [illegible]	[illegible]9 5[illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]YNE NE	[illegible]973	ADAMS	[illegible]	[illegible]6 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible] [illegible]	[illegible]975	ADAMS	[illegible]	[illegible]6 [illegible]	[illegible]2 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]TTINEAU	[illegible]0[illegible]	ADAMS	[illegible]	[illegible]8 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible] BORO	[illegible]5	TRAILL	[illegible]	[illegible]7 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]ME 7 NW [illegible]	[illegible]1	STUTSMAN	[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]ME 7 NW [illegible]	[illegible]1[illegible]	TUTSMAN	1	[illegible]6 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
KEDEN	[illegible]5	MC KENZIE	1	[illegible]8 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
KENMARE	[illegible]6	WARD	1	[illegible]8 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
KE[illegible]AL WILDLIFE [illegible]	[illegible]6	STUTSMAN	1	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
KILLDEER [illegible]	[illegible]0	DUNN	1	[illegible]7 [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]LM	[illegible]343	LA MOURE	[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]NGTON [illegible]SKM	[illegible]450	CAVALIER	[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]NFIELD	[illegible]0	BOTTINEAU	[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]RIMORE	[illegible]1	GRANT	[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]	[illegible]9	DUNN	[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]. [illegible]. [illegible]	3
[illegible]	[illegible]	[illegible]

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U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

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CLIMATOLOGICAL DATA

NORTH DAKOTA

NOVEMBER 1951
Volume LX No. 11

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KANSAS CITY: 1952

NORTH DAKOTA - NOVEMBER 1951

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

The month of November was marked by wide variations in temperature although it avera considerably below normal. It was also relatively dry with no severe storms.

The mean temperature for the state was 21.8 degrees which is 5.6 degrees below normal. eastern division averaged 21.0 degrees which is 5.8 degrees below normal; the middle divis averaged 21.3 degrees which is 5.4 degrees below normal; and the western division avera 23.0 degrees which is 5.6 degrees below normal. The highest mean temperature was 26.9 grees reported at Fort Yates and Hettinger. The lowest mean temperature was 17.0 degr reported at Edmore and Munich. The warmest periods were generally during the 2nd and 1 weeks of the month. Most stations reported their highest temperature during the second we Forman with 59 degrees on the 11th was the warmest reporting station. In the south-cent and southwest portions a number of stations reported their highest temperature during last week. The coldest periods occurred during the 1st and 3rd weeks. Most stations ported lowest temperatures on the 23rd and 24th. Willow City with 24 degrees below zero the 24th was the coldest reporting station in the state. Several stations in the east ported record low temperatures for so early in the season during the first week. Fargo w 7 below on the 2nd and 6 below on the 5th was one such station that exceeded previous reco for so early.

Precipitation for the month averaged less than half of normal. The average for the st was 0.28 inch which is 0.33 inch below normal. The eastern division averaged 0.35 inch wh is 0.37 inch below normal; the middle division averaged 0.23 inch which is 0.36 inch be normal; and the western division averaged 0.27 inch which is 0.25 inch below normal. Onl few widely scattered stations over the state averaged slightly above normal precipitati Nearly all precipitation was in the form of snow most of which fell about the middle of month. Snowfall was generally the greatest in the northeast portion of the state. Gr Forks with nearly 8 1/2 inches reported the greatest amount. The average snowfall for state was 3.6 inches which compared with a normal of 4.7 inches. Most of the snow on ground disappeared during the mild weather at the end of the month. The greatest amount precipitation was reported north of Grassy Butte with 1.34 inches and the least amount a trace recorded at Fort Yates and Wishek. Light freezing rain was reported at a few s tions on the 27th.

The month opened unseasonably cold and rather windy, bringing outdoor work almost to a sta still. From 2 to 9 inches of snow covered the ground in the southeast portion of the sta The second week turned mild, however, and much outdoor work was accomplished. Corn-husk made good progress. Small grains that still remained to be threshed were pretty well clea up. Corn picking was nearly finished by the end of the month. Livestock continued in cellent condition and nearly all were still on the range at the close of the month. S yard feeding was necessary due to heavy snow cover in some areas during parts of the mon The cold weather from the 20th to 24th caused the Missouri River to freeze over. Howeve the mild weather during the last few days resulted in the ice breaking up on the 30th circumstance that is very unusual in the fall of the year.--CJS

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:30 a. C.S.T.	6:30 A. C.S.T.	1:30 p. C.S.T.	6:30 P. C.S.T.	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	
ROCK W[illegible] AIRPORT	NW	17	8.8	47	NW	3	85	85	69	78	7	6	0	0	0	0	13	6.[illegible]
S[illegible] AKE WB CITY	–	–	8.4	28	N	3	–	–	–	–	11	4	1	0	0	0	16	6.[illegible]
W[illegible] AIRPORT	SSE	18	12.7	35	N	3	80	80	74	79	7	4	2	0	0	0	13	7.[illegible]
ST[illegible]N WB CITY	–	–	6.4	26	W	2	80	81	69	74	9	4	1	0	0	0	14	7.1

COMPARATIVE DATA

	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
	42.3	7[illegible]	-26	0.79	7.4	4
	[illegible].4	[illegible]4	-2[illegible]	0.57	4.6	3
	23.1	7[illegible]	-25	0.47	2.6	4
	2[illegible].6	[illegible]4	-25	1.09	8.2	5
	[illegible].1	82	-32	2.23	21.7	9
	[illegible]	8[illegible]	-28	0.32	2.8	3
	23.[illegible]	[illegible]	-30	0.34	3.1	3
	36.[illegible]	8[illegible]	2	0.31	1.0	2
	[illegible].4	6[illegible]	-29	0.32	5.2	5
	26.[illegible]	70	- 7	0.13	1.6	1
	29.6	69	-12	0.24	1.9	3
	35.3	78	-20	0.26	2.5	2
	35.7	80	-10	0.09	0.7	1
	31.6	88	-38	1.36	11.0	9
	23.8	68	-16	1.49	10.2	7
	31.2	85	-15	0.08	0.7	1
	31.1	75	-15	0.94	8.2	4
	29.4	68	-23	0.48	4.6	3
	23.9	66	-23	0.40	3.2	2
	26.7	58	-33	0.64	7.1	6
	31.8	70	1	0.07	0.5	1
	34.1	77	- 2	0.22	1.6	2
	30.7	83	-30	0.33	2.6	2
	28.1	71	-10	0.95	3.7	4
	28.8	75	-18	0.27	1.7	2

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1917	36.8	77	- 7	0.13	1.4	1
1918	28.9	71	-18	0.96	5.3	4
1919	15.6	57	-36	1.15	11.8	5
1920	28.[illegible]	65	-14	0.34	2.1	3
1921	21.[illegible]	69	-30	.69	6.3	5
1922	31.8	65	- 8	2.24	6.3	6
1923	36.5	72	- 5	0.47	0.6	3
1924	27.6	69	-15	0.18	1.9	2
1925	28.8	69	-17	0.24	1.3	2
1926	21.5	68	-23	0.62	6.2	5
1927	20.7	59	-24	0.69	7.1	6
1928	31.0	70	- 1	.48	0.2	1
1929	24.8	70	-21	0.53	5.2	5
1930	29.4	72	-21	0.87	6.2	5
1931	30.3	78	-10	0.55	5.0	3
1932	25.2	70	-17	0.51	4.6	4
1933	28.3	78	-15	0.65	6.6	5
1934	33.9	73	- 1	0.28	1.0	3
1935	17.2	57	-25	0.73	8.1	6
1936	28.0	69	-28	0.34	4.0	4
1937	25.2	73	-25	0.41	3.5	4
1938	23.8	75	-21	0.87	7.9	6
1939	34.9	74	- 4	0.03	T	1
1940	22.0	59	-28	0.59	7.1	6
1941	30.5	69	-17	0.40	3.6	5

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1942	28.0	73	-1[illegible]	0.18	[illegible].5	3
1943	28.7	6[illegible]	- 4	0.44	4.2	4
1944	27.1	70	-2[illegible]	[illegible].25	8.8	4
1945	22.3	7[illegible]	-26	2.48	5.3	5
1946	25.3	66	-22	0.35	3.3	4
1947	22.5	63	-19	.05	11.1	9
1948	29.4	68	-19	1.11	3.9	8
1949	37.1	75	- 13	0.[illegible]	2.2	4
1950	21.6	70	-23	0.49	5.8	5
1951	21.8	59	-24	0.28	3.6	4

R THE PERIOD BEGINNING WITH 1948 TO DATE HAVE BEEN WEIGHTED ON AN AREAL BASIS AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE LIER YEARS.

CLIMATOLOGICAL DATA

Station	Temperature									Precipitation								
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	No. of days: Max. 90° or above	No. of days: Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail: Total	Snow, Sleet, Hail: Max. depth on ground at obsn.	Snow, Sleet, Hail: Date	No. of days: .01 or more	No. of days: .50 or more	No. of days: 1.00 or more
TERN DIVISION																			
	22.0	- 5.0	49	9+	-14	24	1283	0	30	.14	- .54	.10	14	4.0	3	15+	2	[illegible]	[illegible]
LA STATE PARK	19.8		51	8	-13	5	1350	0	30	.22		.13	14				[illegible]	[illegible]	[illegible]
NGTON	18.9M	- 8.4	49	30	-13	24		0	30	.55	.00	.24	2				5	1	0
LER	20.5M	- 4.2	49	9+			1324M	0	30	.80	.06	.40	15				3	0	0
RSTOWN	21.3M	- 6.0	49	9	-15	24	1300M	0	30	.44	- .20	.28	15				2	0	0
S LAKE WB CITY	18.9	- 5.6	50	8	-14	23+	1373	0	30	.31	- .41	.25	14	5.6	5	16	5	[illegible]	0
CY EXP FARM	22.1	- 7.2	53	13+	-12	24		0	30	.10	- .42	.10	23	1.0	5	1+	[illegible]	0	0
C 1 W	17.0	- 7.6	50	8	-20	24	1434	0	30	.22	- .40	.18	14	4.0	4	15+	2	0	0
DALE	25.6	- 2.8	58	11	- 7	5	1178	0	29	.04	- .52	.03	3	T	4	1+	[illegible]	0	0
W8 AIRPORT //	21.0	- 6.1	48	12	-12	24	1311	0	30	.70	- .20	.24	13+	7.9	7	3	6	0	0
N	24.5	- 4.1	59	11	-11	24	1208	0	29	.20	- .37	.12	23	3.0	2	23	[illegible]	0	0
RTON	25.1	- 3.9	54	12	-10	24	1196	0	29	.04	- .67	.02	14+	.4	4	1+	2	0	0
	22.9M	- 4.5	52	29	-15	24	1250M	0	30	.10	- .44	.10	23	1.0			1	0	0
ON STATE SCHOOL	20.0M	- 5.0	50	9	-15	24	1331M	0	30	.77	.08	.35	14	7.5	6	15+	5	1	0
FORKS CAA AP	19.1	- 6.7	47	8+	-16	24	1372	0	30	.79	.00	.36	14	8.1	6	15+	5	1	0
FORKS UNIV	19.6M	- 6.2	47	8+	-16	24	1358M	0	30	.91	.12	.68	14	8.4			6	1	0
RAPIDS 1 N	23.8M		55	12	-20	23	1229M	0	30	.08		.08	23	2.0	2	23	[illegible]	0	0
NSON R R STA	22.0M	- 6.9	54	12	-18	24		0	30	.39	- .26	.23	14				2	0	0
	17.6	- 3.1	49	8	-18	23	1413	0	30	.42	- .27	.18	15	6.5	4	15+	4	0	0
BORO	20.5	- 6.8	49	9	-16	24	1328	0	30	.32	- .44	.15	14				6	0	0
TOWN CAA AP	21.4	- 5.9	51	29	-17	24	1299	0	30	.27	- .40	.07	14	3.0	2	1+	8	[illegible]	[illegible]
TOWN STATE HOSP	22.9	- 4.4	50	12+	-13	24	1257	0	30	.08	- .59	.05	15	2.9	3	15	2	[illegible]	[illegible]
WILDLIFE REF	21.5		51	29	-17	24	1302	0	30	.14				2.0	4	1+	2	[illegible]	[illegible]
ON EXP FARM	18.2	- 5.5	53	10	-19	23+	1398	0	30	.72	- .01	.27	15	7.4			6	[illegible]	[illegible]
ORE	20.6	- 5.2	52	8	-14	24	1324	0	30	.28E	- .54	.13	14		2	14	4	[illegible]	[illegible]
	24.5M	- 4.3	58	13				0	30	.10	- .53	.10	14		0		1	0	1
LLE	21.6	- 6.2	51	9	-10	24	1293	0	30	.37	- .34	.14	14	4.7	3	16+	5	0	[illegible]
IRY 5 N	19.2	- 7.4	49	9	-17	24	1366	0	30	.18	- .36	.08	15	2.2	2	15+	3	0	[illegible]
00 3 E	21.8	- 7.9	64	27	-17	24	1272	0	30	.60	- .03	.57	14				2	1	[illegible]
H 4 Sw	17.0		49	8	-20	24	1435	0	30	.34		.18	14	6.0	6	15	2	0	[illegible]

See reference notes following Station Index.

Station	Temperature							No. of days		Precipitation				Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or
OAKES	22.1	- 6.5	56	12	-13	24		0	30	.12	- .44	.04	16		2	16	4	0	
PARK RIVER	20.4M	- 6.6	50	8	-10	23	1348M	0	30	.21	- .42	.08	14		3	15+	3	0	
PEMBINA 2 N	19.2	- 4.2	50	10+	-17	23	1368	0	29	.32	- .43	.11	14+		4	15	4	0	
PETERSBURG	18.6		51	8	-15	24	1385	0	30	.40	- .24	.14	3				4	0	
SHARON	20.4	- 4.3	55	9	-14	24	1335	0	30	.43	- .29	.15	14	5.6	4	15+	4	0	
VALLEY CITY	22.3	- 5.7	48	9+	-13	24	1272	0	30	.29	- .39	.15	14	2.9			5	0	
WAHPETON STATE SCHOOL	23.7	- 5.3	52	9+	-13	24	1234	0	30	.73	.04	.27	14		4	16+	7	0	
DIVISION	21.0	- 5.8								.35	- .37			4.2					
MIDDLE DIVISION																			
ASHLEY	24.6	- 3.4	52	12	- 9	5	1205	0	30	.03	- .52	.03	16	T	T	16	1	0	
BELCOURT INDIAN RES	17.5		48	8	-21	23	1419	0	30	.32		.22	15	3.5	4	15+	2	0	
BISBEE	17.8M	- 8.6	48	8	-16	23	1413M	0	30	.18	- .29	.10	14	2.0	2	15+	2	0	
BISMARCK WB CITY	24.2	- 4.3	54	30	-14	24		0	30	.19	- .29	.08	15	2.5	2	1+	4	0	
BISMARCK WB AIRPORT	23.2	- 3.3	53	29	-17	23	1247	0	30	.20	- .37	.06	14	2.4	1	1+	6	0	
BOTTINEAU	17.4	- 6.2	49	9	-17	24		0	30	.12	- .35	.08	15	2.0	1	1+	5	0	
BUTTE	23.1	- 3.4	53	1	- 9	24	1248	0	30	.34	- .26	.22	15	3.0	3	15	2	0	
CARSON 2 SW	25.1	- 4.7	55	12	-10	2	1190	0	30	.19	- .38	.09	13		7	1+	3	0	
CENTER	22.3	- 6.2	50	12	- 6	2+	1274	0	30	.32	- .19	.20	15	3.0	2	1+	4	0	
DRAKE	20.0M	- 5.9	53	9	-12	24		0	30	.32	- .22	.32	15		3	15	1	0	
ECKMAN	18.3	- 7.1	53	9	-20	24		0	30	.23	- .26	.20	15	6.0	6	15+	2	0	
FESSENDEN	20.9	- 5.7	48	28	-13	24	1319	0	30	.33	- .27	.20	14	2.3			5	0	
FORT YATES	26.9M	- 3.1	55	12+			1116M	0	30	T	- .45	T	3+	T	0		0	0	
FOXHOLM WILDLIFE REFU	22.1	- 3.5	54	8	-13	23	1279	0	30	.65	- .03	.35	14	4.8			2	0	
GARRISON	21.2	- 5.3	48	12	- 9	23	1308	0	30	.13	- .36	.05	15	1.3	2	1+	5	0	
GRANVILLE	21.3M	- 5.1	53	8	-15	24	1290M	0	30	.21	- .33	.11	15	4.0	4	15+	2	0	
HANSBORO	18.8M	- 4.7	49	8	-17	24	1384M	0	30	.21	- .33	.20	15	5.4	5	15+	2	0	
LEEDS	20.1M		51	8+	-17	23	1346M	0	30	.28		.15	14	5.6			3	0	
LINTON	25.3	- 3.5	54	12+	- 8	2	1182	0	29	.04	- .41	.03	27	.2	2	1+	2	0	
MADDOCK AGR SCHOOL	19.7	- 6.5	49	8	-14	23	1353	0	30	.29	- .22	.15	14				3	0	
MANDAN EXP STATION	23.1	- 5.8	52	30	-13	24		0	30	.13	- .39	.10	23	2.1	2	1+	3	0	
MANDAN FT LINCOLN PARK	24.7		54	29	-12	5+	1202	0	30	.15E		.08	22	2.6			4	0	
MAX	19.7	- 6.0	49	13	-14	24		0	30	.51	.01	.25	27				6	0	
MC CLUSKY	22.1	- 3.5	48	12+	-10	24	1280	0	30	.17	- .38	.13	15	2.5	2	1+	2	0	
MINOT CAA AP //	21.4	- 6.0	53	8	-11	23	1302	0	30	.25	- .41	.12	15	3.5	3	15+	4	0	
MINOT EXP FARM	21.3		52	8	-12	23	1305	0	30	.20		.14	15	4.1	4	15+	5	0	
MOHALL	20.5	- 4.5	52	8	-19	23	1330	0	30	.32	- .22	.29	15	5.0	5	15+	3	0	
NAPOLEON 1 SE	22.8	- 4.0	52	11	-12	5	1259	0	30	.05	- .53	.03	15	.5	2	1+	2	0	
NEW SALEM 1 S	22.1	- 7.5	50	9	-10	24	1281	0	30	.17	- .31	.08	22		2	2+	4	0	
PETTIBONE	22.0	- 4.1	50	11	-16	24	1283	0	30	.09	- .44	.04	17	2.1	2	1+	5	0	
RIVERDALE	22.5		48	29	-10	24	1268	0	30	.21		.12	15		2	1+	5	0	
ROLLA	19.1	- 4.1	48	8+	-15	22+	1370	0	30	.47	- .08	.27	15	4.7	5	15+	2	0	
RUGBY	20.4M		51	8	-16	23	1329M	0	30	.27	- .25	.13	15	5.2	4	15+	3	0	
SAN HAVEN	19.8		49	8	-16	23	1352	0	30	.27		.20	15	3.0	3	15+	4	0	
STEELE	24.8M	- 1.7	51	11+	-14	24		0	30	.13	- .34	.05	15+	2.5	2	23	3	0	
TOWNER	19.0M	- 6.4	53	8	-21	23	1364M	0	30	.31	- .22	.27	14	7.0			2	0	
TURTLE LAKE	22.5M	- 5.6	49	29	-13	24	1262M	0	30	.24	- .18	.20	15	3.4			2	0	
UNDERWOOD 12 W	21.5M	- 6.8	48	9	-16	24	1296M	0	30	.21	- .24	.10	15	2.0	2	15	4	0	
UPHAM 3 N	20.6		55	8	-22	24	1325	0	30	.32		.20	15	6.4	6	15+	2	0	
VELVA	22.0	- 5.4	51	8	- 8	4+	1283	0	30	.27	- .37	.22	15	3.3	3	15+	3	0	
WASHBURN	23.7	- 5.7	50	29	-10	24	1235	0	30	.39	- .05	.31	15				3	0	
WESTHOPE	18.7	- 6.4	52	8	-21	23	1384	0	30	.23	- .32	.17	15	6.0	6	15	2	0	
WILLOW CITY	17.7M	- 5.0	52	8	-24	24	1414M	0	30	.34	- .22	.27	14	4.0	4	15+	2	0	
WILTON R R STATION	19.6M	- 7.7			-14	24		0	30	.12	- .36	.05	15	1.4	3	1+	3	0	
WISHEK	19.2M	- 9.2			-13	24		0	29	T	- .45	T	1+	T	0		0	0	
DIVISION	21.3	- 5.4								.23	- .36			3.1					
WESTERN DIVISION																			
ALMONT 7 SW	25.0		53	29	- 7	2+	1203	0	26	.16		.07	23	2.3	4	1+	3	0	
AMIDON	25.4	- 5.2	51	30	-10	2		0	30	.26	- .15	.05	4+	2.6	3	4+	6	0	
BEACH	24.4	- 6.3	49	30	- 8	2		0	30	.34	- .12	.07	4+		4	3+	10	0	
BELFIELD	25.2M	- 4.2	52	20	-12	2	1180M	0	30	.43	- .05	.12	2		5	5+	7	0	
BOWBELLS	19.8	- 6.4	53	9	-17	23		0	30	.19	- .27	.10	17	3.0	2	17+	3	0	
BOWBELLS 5 E	19.3M		51	9	-22	23		0	30	.19		.08	15	3.0	3	16+	3	0	
BOWMAN COURT HOUSE //	25.4M	- 5.1	49	26+	-12	2	1174M	0	30	.26	- .12	.17	4	4.6	6	4+	3	0	
CROSBY	21.3	- 5.2	52	8	-12	23	1306	0	30	.20	- .36	.10	13+	3.5	4	15+	2	0	
DICKINSON CAA AP	24.5	- 3.7	50	29	- 8	2	1207	0	30	.21	- .27	.07	22	2.3	4	1+	8	0	
DICKINSON EXP STATION	23.6	- 4.6	51	30	-11	2		0	30	.21	- .27	.08	16+	1.7	4	1+	6	0	
DUNN CENTER	21.4	- 6.5	50	13	-13	24		0	30	.16	- .28	.08	16	2.9	2	1+	4	0	
ELBOWOODS	24.5M	- 3.9	50	12	-16	24	1211M	0	29	.27	- .13	.20	15	2.3			3	0	
EPPING	21.9	- 4.4	52	8	-11	23	1289	0	30	.13	- .30	.07	16				2	0	
GRENORA	23.5M	- 2.6	53	8			1237M	0	30										
HETTINGER	26.9	- 4.5	54	29	- 8	2	1137	0	30	.25	- .15	.09	5	3.5	4	5	4	0	
KENMARE	21.0	- 5.3	52	9	-16	24		0	30	.26	- .28	.13	16				3	0	
LOSTWOOD 12 N	19.5M		48	8	-19	23+	1358M	0	30	.19		.08	15+	1.9	2	15+	3	0	
MARMARTH	25.0M	- 5.9	46	26+	- 8	2	1194M	0	30	.57	.20	.29	3	8.2	6	5	3	0	
MEDORA 4 NNE	26.0		53	29	-10	17	1163	0	29	.24		.08	4		4	4+	7	0	
MOTT	25.4	- 3.9	55	20	-11	2	1180	0	30	.18	- .28	.05	13	3.6	4	1+	6	0	
NEW ENGLAND	25.5	- 3.9	52	26+	-12	2	1177	0	30	.14	- .31	.10	1		5	3+	3	0	
PARSHALL	20.1	- 5.4	50	12	-15	22	1341	0	30	.43	.04	.20	13	4.0	4	15+	4	0	
POWERS LAKE 1 N	18.8M	- 6.6	52	8	-20	23	1388M	0	30	.15	- .34	.10	15	3.0	3	15+	2	0	
RICHARDTON ABBEY	25.2	- 3.5	50	29	- 9	2	1186	0	30	.38	- .14	.09	13	5.1	5	1	10	0	
SANISH	19.8	- 8.2	50	13	-17	24		0	30	.54	.01	.28	13				6	0	
STANLEY	20.0		56	8	-19	23	1344	0	30	.18	- .36	.11	15				3	0	
VAN HOOK	21.7		50	12	-12	23	1291	0	30	.39		.26	13	5.1	4	15+	4	0	
WATFORD CITY	23.6	- 4.9	50	12	- 9	2+	1233	0	29	.35	- .14	.24	13				3	0	
WILLISTON WB CITY	24.2	- 3.0	52	28	- 6	23	1214	0	30	.21	- .37	.11	15	3.0	2	1+	5	0	
DIVISION	23.0	- 5.6								.27	- .25			3.5					
STATE	21.8	- 5.6								.28	- .33			3.6					

See reference notes following Station Index.

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
7 S	T		.12									T	T	.11	.12	T						1		T	.11							46
DER					T								.14		.13						T	T	06									3
7 SW	T		T			T							.05	1	.04	T					T	T	.07									.16
	04												.06	1	.07							T										17
													T	.10	.04	T																14
	02	T	T	.05	.05	T							T	T	T	.05	.04						T	.03								.26
R		.06	.01	.08	.05								.03			.02																25
R	–	–	–	–										.08	.11			.02														–
A STATE PARK														.13	.07	.01					.01											.22
																.03							T									.03
	T	T												.03	.35																	.38
	T		.06	.07	.02	.02							.07	.03	.01	.04	T				.01		.01									.34
R		.10	.3	.07	.07							.01	.13		.06	.04				.01		.02										.54
RT INDIAN RESER			T											.10	.22																	.32
R INDIAN RESER R														.20	.15																	.35
LO	.05	.12	T	T	.03	.03								T	.03	.10	T					.07										.43
LO													.01		.24	T																.25
													T		.06							T	.04				.03					.13
R															.08							.05					.09					.17
			T											.10	.08																	.18
CA WB CITY	T		T			T							T	T	.08	.02					.03	T	.06									.19
CA WB AP R	T	T	T		T								.01	.06	.04	.02	T				.02	.05	T				T					.25
EAU	.01													.01	.08	.01											.01					.12
LS													T	.04		.05	.10															.19
LS 5 E	T												T	.04	.08	.07																.19
COURT HOUSE	.02			.17	T	.07							T		T	T					T	T	T	T								.26
11 SE	.01		.07	.10	T										.02	.01							T									.21
R															.02						.01	.04										.07
AN R														.01	.02	.01																.04
													T	.12	.22									T								.34
R														.26	.05																	.31
GTON R	–	.24	–	–	–	–	–	–	–	–	–				.20	.05	T				T		.05				T					.55
													.08			.03					.03									.03		–
2 SW													.09		.05	T					T		.05									.19
ER			.10											.30	.40																	.80
	.01												.03	T	.20	T					T		.08									.32
E															.10	.03	T									T						.13
BS													.18	.03	.16	T							T									.37
STOWN	T													.16	.28						T						T					.44
NAY		.01																			.15											.16
	T												.10	T	.10	T						T	T									.20
R													.10	.04	.06																	.20
LAKE WB CITY R	T	T	.02		T								T	.25	.01	.01	T				T	T	T	T	T	T	.02					.31
SON CAA AP	.01	.01	T	.01	.03	T							T	T	.05	.02					.01	.07	T				T					.21
SON EXP STATION	.01	T	T	T	.01	T							T	.01	.02	.08	T				T	T	.08				T					.21
ROCK			.02	.01			T	T					.02	.08	T							T							.01			.14
	T												T		.32	T	T						T									.32
ENTER	T	T				T							T	.02	.02	.08	T				T		.04									.16
	T													T	.20	.03	T															.23
Y EXP FARM			T																				.10									.10
1 W						T						T	T	.18	.04	T					T						T					.22
OOS														.05	.20							.02										.27
5 S	T		T		T	T							T	T	T	T					T	T	T									T
ALE	.01		.03											T	T	T	T					T	T									.04
R													T		.06	.07	\					T										.13
														.14	.06																	.20
ELD 8 N	T	T			.07								.12		.03	.04						.03										.29
WB AP R	T	T	.08			T								.24	.24	.09	.01	T			T		.04		T							.70
OEN	T												.04	.20	.04	.02						.03										.33
R																.02						.03										.05
N													.09	.02	.14	T		T														.25
13 NW												T	.02	T		T							.03									.05
			T											T	T	T	.08						.12									.20
ATES			T											T	T							T										T
ATES R															.02												.02					.04
M WILDLIFE REF													T	.35	.30	T						T	T									.65
G R		.08		.02	.05	02						.01	.08		.05	.02																.33
TON			T											.02	T	.02																.04
			T											T	T	T			T				.10									.10
ON	T		T		T								.03	.02	.05	T					.01	.02					T					.13
VALLEY 10 S													.03						T		T	.01										.04
CITY R														.26	.02												.04					.32
N STATE SCHOOL	T	T	.15											.35	.20	.01					T						.06					.77
FORKS CAA AP	T		.11	T		T							.18	.36	.09	T	T				.01	T	T	T	T	T	.04					.79
FORKS UNIVERSITY	.01		.11										.01	.68	.09	T	T				T			T			.01					.91
RAPIDS 1 N			T											T	T	T							.08									.08
LLE	T		T										T	.10	.11							T	T				T					.21
BUTTE R	.05	.08	.05		.08	.04					.29	*	*	*	.27				.01	.02		.05	.02									.96
BUTTE 10 N	.09	.08	.20	.28							.05	.09	.10	.13	.16	.14					T	.02										1.34
A													–	–	–	–							.15									–
R		.05	.02	.04	.02															.04							.03					.20
AY				T	T	T							.04		.15							T	.07									.26
AY R		.05										.32	.03	.01	.10	.01					.04	.05										.31
SON R R STA			.02											.23	.08								.06									.39
			.06									.01		.17	.18	T					T						T					.42
RO	T		T									T		.01	.20	T										T	T					.1
3 NE	T	T										T		.02	.10											T						.12
6 NE R		.03	.01	.03	.05											.02				.05												.19
GER	T	T		.06	.09										T	.04					.06	T										.25
GER 17 N R		.03		.08	.04																											.15
ORO	.01		.09	T							.01		.02	.15	.04	T					T						T					.32
OWN CAA AP	T	T	.04			T								.07	.06	.04					.01	.03	.01	T		T	.01					.27
OWN STATE HOSP			T											.03	.05	T		T			T		T									.08
E														.03	.10	.13							T									.26
E R													.04	.04	.07																		.15
WILDLIFE REFUGE	T		T											*	.14	T					T		T				T					.14
R 8 NW	.12	T	T	T	T	T							.05	.18	.11						.12	T										.58
										.10			.02	.05		.02																	.19
N EXP FARM	.05		.14									.02		.20	.27	.04					T						T					.72
RO													T	.30	T				T			T			.02							.32
RE			E.05											.13	.07													.03				.28E
	T													.15	.11	.02											T					.28
	.01												T	T		T					T	T	T				.03					.04
			T											.10																			.10
LLE			.14												.21	.03	T				T		.07									.45
OD 12 N													.03	T	.08								.08									.19
K AGR. SCHOOL	T		T		T									.15	.12	T					T		T				.02					.29
EXP STATION	T		T	T									T	T	.02	.01	T				T	T	.10				T					.13
FT LINCOLN PK	T												T	T	.01	.01	E.05				T	.08										.15E
G R	–	–	–	–	–	.02							.03	.01	.03	.02						.05										–
TH			.29	.10	.18									T	T	T					T		T									.57
TH MOU CO. R		.16	.01	.09	.07								.03																			.36
	.12												T	.20	.15	T	T									T						.47
			.02										.01		.07	.14				T			.02				.25	T				.51
LE	.04		.05									T	T	.14	.06	.08					T						T					.37
SKY	T		T												.13								.04									.17
RY 5 N														.07	.08	T											.03					.18
D 3 E					T									.57	T								.03									.60
LE														.17	.07						T						.03					.27
														T	T								T									T
R		.09		.05	–	–	–	–	–	–	–	–	–	–	–	.02				.02		.02											–
4 NNE	T			.08	.04								.03		.04	.03					T	.01	.01									.24
11 N	T	T	.07	.04	.05	T							.06		.06	.02					T	.02										.32
LE R														.05													.02					.07
CAA AP	T	T	T										.05	.05	.12	T	T	T			T	T					.03					.25
EXP FARM													.02	.01	.14	T						T	.01				.02					.24
T 4 SE															.06	.01					.01		E.20									.28E
	T	T											T	.01	.29	.02																.32
LIER	T		.02	.03										T	.10	T	T				T	.03	.12									.30
			.02			.02							.05		.02	.03					T	.04	T									.18
4 SW	T													.18	.16		T				T			T			T					.34
ON 1 SE														T	.03	T					T	T	.02				T					.05
ON 1 SE R														.02	.03												.02					.07
GLAND	.10		.02	T	T	.02									T	T							T									.14
CKFORD 7 WNW	T		T		T								T	.08	.14	T					T	T					T					.22
LEM 1 S		T	.01												.05	T						.08	.03									.17
ATE R													.05	.03	.03																	.11
VILLE			–										.05	.05	.15							.05										.25
	T		.02	T											.03	.04	T		T				.03									.12
IVER	T		.06											.08	.07	T		T														.21

See reference notes following Station Index

DAILY PRECIPITATION

Table 3--Continued

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PARSHALL													.06	.20	T	.15	T						.02					T				
PEMBINA 2 N	R	.02													.11	.11	T					T						.08				
PETERSBURG		.04		.14											.12	.10	T											T				
PETTIBONE				T											.01	.01	.02	.04						.01				T				
PETTIBONE	R														.05	.13																
PINGREE				T											T	.04	T					T		T		T						
POWERS LAKE 1 N		T	T											.5	T	.10	T															
PRETTY ROCK		T	T											.09	T	.05	.07						.04									
REEDER					.15		.05									.02								.05								
REEDER 14 N			T	T	.05											T																
RICHARDTON ABBEY		.01		.01		T	.02							.09	.05	.08	.05	T				.11	.02	.04								
RICHARDTON ABBEY	R	.01	.02	.01		.02	.02							.15		.12	.03						.04	.01								
RIVERDALE		.01	T											.04	T	.12	T					T	.02	.02					T	T		
ROLLA		T	T	T									T	T	.10	.27	T										T					
RUGBY		T													.12	.13	.02															
RYDER		T												*	.15	T	T								T	T						
RYDER	R														-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAN HAVEN		T		T											.04	.20	.02											01				
SANISH		.01	T				T	T					T	.26	.7	.06	.7							.05				T				
SCRANTON		T		T	.30	.18		T								T	.02				T	.01	T	T	T						
SENTINEL BUTTE 20		T		.37	10	.04	T	T	.02	T			T										.04	T	T							
SHARON		.04	T	.14									T	T	T	.11	T					T		T								
SHERWOOD		T												T	.4	.39	.04															
SHEYENNE	R	.03														.0		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHIELDS		-														T	T					.02	T					T				
STANLEY														.03	.04	.11	T					T	T									
STANLEY	R													.06	.05	.10																
STEELE		T	T	T										T	T	.05	.03					T	T	.05				T				
TAGUS		T		T										.04	.03	.10	T	T					.03	T				.02				
TIOGA		T	T											.10	.13								.4									
TOLLEY 4 NE															T	.22																
TOWNER				T				T							.27	.04																
TROTTERS 6 WN			.02	.02	T	.4	.02							.08		.04	.07					.2	.01	T								
TURTLE LAKE						T								T	T	.20	T						.04	T				T				
TUTTLE		T	T	T		T									T	.06	.8							.04				T				
UNDERWOOD 12 W														.04	.05	.10	T											.02				
UPHAM 3 N		T													.1	.2	T															
VALLEY CITY				.02										T	.15	.1	.5					T		.02								
VAN HOOK		T											.34	.26		.18	T						.11					T				
VELVA		T		T										.01	.04	.22	T	T				T	T	T								
WAHPETON ST SCHOOL		.43		.03										.15	.27	.17	T							.11								
WALHALLA				.02									T		.09	.05																
WASHBURN		T												T	T	.31	.03							.05								
WASHBURN WATER WKS	R														.04	.1							.5									
WATONGA 5 DAK B N						.04	.03							T	.02	T	.1				T	T										
WATFORD CITY														.24		.06							.5									
WATFORD CITY 11 E	R						.2						.06	.24	.02	.19								3					.05				
WESTHOPE															.06	.17																
WILDROSE														.09	.02	.07	.6															
WILLISTON WB CITY	//	T	T				T							.1	.01	.11	T					T	.07	T	T			T				
WILLOW CITY		T											T		.27	.17												T				
WILTON R R STA															T	.05	.3							.04				T				
WISHEK		T	T													T	T	T					T	T								
WOODWORTH 5 E		T		T											T	.06	T							T								
ZAHL		T				T	T	T					T	.07	T	.06	T	T				.01	.4									

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numb within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of tbis bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in tbis issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in incbes. and wind movement miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherw shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 C

- \- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- \+ And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 incbes of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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W.R.P.C., KANSAS CITY, MO. -- 1-4-52 --

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
T 7SW	MAX	18	26	34	14	21	35	38	44	47	44	49	51	39	28	24	18	30	37	32	50	41	23	21	31	30	38	45	45	53	49		35.0
	MIN	0	- 7	7	3	2	20	19	25	29	24	27	31	27	19	17	10	4	13	14	21	10	4	- 3	- 7	18	9	30	28	30	28		15.0
A	MAX	20	15	20	23	21	33	33	44	49	49	46	49	34	33	27	25	20	19	23	35	32	17	12	20	35	23	45	39	47	45		31.1
	MIN	6	- 3	6	- 1	- 8	15	10	18	31	30	29	31	28	26	20	16	2	1	7	18	15	- 5	- 4	-14	16	6	15	19	32	26		12.9
N	MAX	25	9	32	12	24	34	40	39	42	45	39	47	48	31	31	20	20	35	39	42	41	16	27	26	41	35	49	44	49	51		34.4
	MIN	2	-10	5	4	3	22	21	25	29	25	21	28	27	23	11	13	0	16	20	22	16	5	9	2	20	17	31	30	26	28		16.4
LA STATE PARK	MAX	21	21	17	19	21	32	36	51	50	47	46	43	38	32	25	23	22	16	23	33	24	10	4	18	29	19	44	40	45	43		29.7
	MIN	4	2	7	- 1	-13	9	3	18	29	24	19	18	24	23	22	16	2	- 9	4	17	10	-11	-10	-12	13	1	11	18	31	24		9.8
Y	MAX	25	20	32	20	28	31	35	45	48	47	50	52	38	34	26	20	30	31	35	46	34	21	22	36	35	31	50	46	52	49		35.6
	MIN	2	8	4	- 7	- 9	19	23	20	25	25	30	28	28	17	17	15	2	10	12	21	14	- 2	- 2	- 8	21	11	22	19	24	19		13.6
	MAX	27	9	32	13	18	34	36	42	43	48	42	46	46	33	26	21	18	30	38	42	46	16	35	18	39	35	47	44	47	49		34.0
	MIN	4	- 8	- 2	6	6	12	17	17	28	22	24	28	28	24	15	13	- 3	10	15	23	15	0	7	5	15	15	25	27	28	25		14.7
URT INDIAN RES	MAX	13	20	16	18	22	32	38	48	47	44	42	37	32	28	21	18	16	13	20	29	27	8	4	23	29	21	41	40	41	38		27.5
	MIN	0	- 3	5	- 8	-15	13	5	14	23	16	25	29	24	18	15	5	- 8	0	5	12	3	-18	-21	-16	13	7	14	19	20	25		7.4
ELD	MAX	15	30	30	18	33	36	43	46	48	42	48	47	49	28	28	26	28	38	39	52	28	24	24	41	34	48	44	47	51	45		37.0
	MIN		-12	5	2	0	26	12	21	28	22	20	23	26	18	16	10	- 4	4	16	24	14	- 7	- 2	- 4	18	11	24	25	23	21		13.3
E	MAX	17	20	18	18	23	32	38	48	47	44	45	34	30	22	20	14	14		21	29	24	6	4	22	27	22	39	41	43	39		27.6
	MIN	2	4	7	- 7	- 3	14	11	19	24	22	27		21	18	9	4	- 4		1	12	3	-15	-16	-15	- 5	8	15	20	25	22		8.0
RCK W8 CITY	MAX	29	14	34	20	20	29	33	40	48	51	47	49	52	38	26	24	20	30	32	38	46	21	21	14	34	31	39	48	47	54		34.3
	MIN	2	- 3	4	8	- 6	9	23	23	23	27	29	30	28	17	17	17	3	8	12	23	19	2	- 4	-14	13	15	19	25	30	23		14.1
RCK W8 AIRPORT	MAX	15	34	33	20	23	34	40	47	50	47	49	51	38	27	25	20	30	32	38	50	28	22	14	34	31	29	48	46	53	50		35.3
	MIN	0	- 5	4	- 5	- 8	20	17	20	26	24	25	28	24	18	14	6	1	6	11	18	4	- 1	-17	-16	10	15	25	21	25	22		11.1
NEAU	MAX	20	13	21	10	20	24	33	39	49	46	46	43	34	30	31	21	18	15	16	24	32	16	9	3	23	24	30	39	44	42		27.2
	MIN	- 2	- 5	- 3	- 2	- 6	0	13	15	18	20	23	29	18	19	18	13	- 3	2	6	9	14	-15	-15	-17	3	12	12	16	18	18		7.6
LLS	MAX	21	12	31	17	24	31	38	41	53	48	48	41	42	29	23	15	17	24	19	31	40	9	9	11	34	21	41	38	41	45		29.8
	MIN	3	0	0	0	- 1	3	19	21	22	21	22	26	25	8	12	7	- 7	- 1	5	17	6	-11	-17	-11	10	15	19	25	27	26		9.7
LLS 5E	MAX	26	13	30	16	22	27	37	47	51	47	46	41	41	28	23	15	22	24	22	31	33	9	7	10	38	21	39	38	44	45		29.8
	MIN	0	- 1	0	- 1	- 1	7	18	21	22	21	22	25	25	8	4	-10	- 7	4		18	6	-13	-22	-11	10	14	18	25	27	24		8.7
N COURT HOUSE	MAX	17	31	33	15		34	41	42	44	40	45	47	37	29	24	17	30	42	40	48	39	28	26	38	34	49	43	49	49	49		36.6
	MIN	- 1	-12	3	4	3		11	21	24	20	20	25	25	22	15	9	0	13	13	22	12	5	10	6	17	20	30	24	24	25		14.1
	MAX	53	19	30	20	21	32	37	50	48	48	46	48	42	27	28	22	21	19	44	41	35	17	14	28	27	17	42	43	48	42		33.6
	MIN	- 1	- 4	3	4	2	17	15	23	28	25	22	29	23	14	16	11	2	- 1	10	20	5	4	- 6	- 9	11	15	21	25	27	28		12.6
NGTON	MAX	46	14	23	13	20	17	31	35	47	48	47	46	48	24	38	23	18	15	18	25	40	20	11	3		24	36	43	47	49		30.0
	MIN	- 7	- 5	- 5	5	- 7	- 4	17		21	22	22	25	16	16	11	5	- 2	- 2	1	7	14	- 6	-11	-13		11	11	25	24	27		7.8
N 2 S W	MAX	20	25	34	27	23	37	40	44	47	45	52	55	42	30	25	20	32	34	35	51	35	25	22	35	37	34	47	50	53	52		36.9
	MIN	0	-10	7	0	2	20	15	22	28	23	25	29	28	22	17	12	- 3	0	15	20	12	- 1	- 3	- 5	12	12	23	25	25	25		13.2
IER	MAX	21	21	12	18	20	25	34	47	49	49	47	39	39	33	24	22	20	18	22	32	30	21	15	12	25	18	42	40	43	41		29.3
	MIN	2		8	2		11		14	28	25	22	29	31	23	16	13	1	8	1	14	6	-13	-12	-12	10	0	10	20	32	23		11.6
R	MAX	20	23	32	22	21	32	33	46	47	42	47	50	37	31	28	18	28	27	35	46	33	21	17	32	23	31	44	45	49	44		33.5
	MIN	- 3	- 6	0	1	-15	17	14	18	28	22	22	30	26	14	18	5	3	0	12	16	8	- 6	- 5	- 2	6	17	19	22	25	24		11.0
RSTOWN	MAX	26	15		22	21	34	33	48	49	46	45	43	37	33	28	22	20	15	23	33	27	15	11	25	29	20	40	41	47	46		30.8
	MIN	0	- 4	9		- 8	12	10	19	25	25	30	24	22	22	19	14	- 4	1	8	19	13	- 8	- 6	-15	15	6	14	21	29	26		11.7
Y	MAX	14	27	33	21	27	37	46	52	48	45	50	43	39	23	21	17	17	17	33	41	24	11	10	28	22	32	39	44	45	41		31.6
	MIN	4	- 1	4	4	0	23	18	20	25	19	22	23	20	10	16	5	- 5	- 2	12	17	- 2	-10	-12	-10	13	18	29	21	22	24		10.9
S LAKE W 8 CITY	MAX	12	18	19	19	22	33	37	50	49	45	46	40	33	28	23	19	16	15	23	32	20	11	2	27	24	20	41	45	47	36		28.4
	MIN	- 1	1	1	- 5	- 3	16	14	20	26	21	25	24	20	19	12	- 1	- 3	- 1	8	17	- 5	-10	-14	-14	11	7	20	23	28	25		9.4
NSON CAA	MAX	13	33	27	13	33	35	39	40	45	42	45	48	35	27	22	17	30	34	36	47	20	26	13	39	33	48	45	46	50	45		34.2
	MIN	- 5	- 8	5	6	8	17	18	23	30	26	24	31	27	19	15	3	2	10	17	19	6	7	- 1	9	16	15	26	25	28	27		14.8
NSON EXP STATION	MAX	24	9	35	14	16	34	36	40	43	47	43	46	50	33	33	23	18	32	32	37	49	18	25	15	40	35	49	46	47	51		34.0
	MIN	2	-11	- 5	6	8	15	10	19	27	24	23	25	30	23	19	15	0	2	11	17	17	4	6	- 3	10	13	14	24	24	23		13.1
	MAX	31	15	27	15	17	22	35	38	53	49		46	44	35	26	22	19	19	16	32	40	19	17	9	32	29	38	41	44	47		30.2
	MIN	- 1	- 2	- 1	- 5	- 2	- 1	15	19	22	22		25	22	15	18	14	- 5	- 1	6	11	15	- 8	- 5	-12	9	16	18	25	27	27		9.8
CENTER	MAX	28	10	34	19	15	33	36	39	44	47	42	44	30	33	24	25	21	28	29	33	44	18	20	14	36	32	41	44	45	49		32.6
	MIN	4	- 6	- 6	2	4	11	16	19	24	21	20	22	28	19	19	15	-10	- 5	- 1	15	17	- 2	- 4	-13	7	7	15	24	23	21		10.2
N	MAX	29	15	25	20	20	26	36	43	53	50	47	43	42	33	27	20	18	10	18	28	37	18	8	5	20	27	38	40	45	44		29.5
	MIN	4	- 1	- 4	-11	3	4	13	17	17	16	22	25	18	13	17	13	-13	0	5	10	13	-19	-19	-20	- 2	7	17	21	23	22		7.0
EY EXP FARM	MAX	30	29	30	34	19	23	30	35	35	49	42	51	53	37	34	31	21	30	24	35	44	25	20	8	35	33	32	51	42	53		33.8
	MIN	- 1	- 6	4	- 3	- 5	3	10	15	23	27	24	29	30	18	15	13	3	4	7	9	16	- 1	- 6	-12	4	14	16	19	21	22		10.4
E 1 W	MAX	19	18	17	19	22	34	34	50	49	45	45	35	34	32	22	20	15	17	21	29	21	9	3	22	25	16	39	43	44	38		27.9
	MIN	- 6	- 6	6	- 8	-11	9	8	14	15	17	22	21	22	21	16	3	-10	-11	6	15	4	-13	-16	-20	9	- 2	12	18	24	24		6.1
OODS	MAX	31	27	28	34	16	36	40	46	47	45	43	50	41	32	24	20	21	26	32	43	36	18	15	32	27	34	44	47	46	45		34.2
	MIN	- 8	13	- 5	- 9	- 1	11	31	28	32	29	29	29			18	10	0	13	22	27	12	4	-10	-16	18	12	29	29	34	32		14.8
DALE	MAX	25	22	33	22	25	30	33	52	53	49	58	57	42	36	29	25	34	30	38	45	33	20	20	36	40	31	53	49	55	40		37.2
	MIN	5	- 4	5	- 2	- 7	20	15	16	25	30	27	30	32	20	19	16	6	9	10	20	15	1	0	- 5	11	15	19	17	33	21		14.0
S	MAX	16	27	31	15	25	36	43	52	47	43	42	49	34	22	20	16	22	18	34	40	31	15	10	35	26	32	39	45	45	43		31.8
	MIN	1	- 5	4	9	6	22	22	20	26	18	25	25	20	8	15	8	3	3	9	20	2	- 8	-11	- 5	10	9	27	23	25	25		11.9
W8 AIRPORT	MAX	17	19	19	19	20	30	34	40	45	45	47	48	36	32	27	22	19	18	24	35	27	14	14	21	33	20	38	37	43	41		29.5
	MIN	0	- 7	3	- 1	- 6	17	13	22	24	30	32	32	30	18	18	11	2	3	13	23	6	- 3	-11	-12	16	5	17	20	32	27		12.5
NDEN	MAX	19	18	19	22	22	33	35	46	47	45	46	46	35	30	25	21	30	25	26	30	29	19	1	31	26	43	45	48	42	38		31.4
	MIN	- 4	- 2	0	- 6	- 5	15	14	22	28	23	26	25	17	14	13	12	- 4	- 3	0	14	6	- 2	- 9	-13	18	19	25	24	26	21		10.3
N	MAX	22	22	29	22	25	32	32	47	49	46	59	54	45	33	27	24	27	21	28	42	37	19	18	32	37	27	49	50	51	41		34.9
	MIN	5	- 4	5	- 6	- 3	17	19	21	26	28	28	31	33	24	19	17	3	4	7	18	18	2	- 1	-11	12	18	15	21	26	27		14.0
YATES	MAX	21	26	36	17	23	33	41	49	52	47	53	55	49	47	26	24	33	35	41	53	41	25	23	38	36	36	51	49	55	50		38.8
	MIN			10	6	- 2	19	20	20	28	25	28	30	22	20	13	16	0	0	15	16	16	0	5	- 4	19	10	20	20	26	20		14.9
LM WILDLIFE REF	MAX	21	24	33	21	26	37	43	54	49	47	43	44	35	27	24	19	24	18	34	42	39	13	7	27	30	29	42	45	45	43		32.8
	MIN	5	1	8	- 9	- 6	16	13	19	31	20	19	27	21	13	18	10	- 1	- 1	10	15	7	- 7	-13	- 9	11	19	27	26	28	25		11.4
RTON	MAX	26	16	32	20	25	31	33	46	51	45	53	54	41	35	27	25	31	28	37	42	35	20	17	35	36	29	51	46	52	42		35.4
	MIN	4	- 4	5	- 4	- 7	21	19	18	27	27	27	29	32	20	20	15	2	6	10	19	19	0	- 4	-10	23	20	19	34	32	26		14.8

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
GACKLE	MAX	24	20	30	22	25	31	35	45	47	48	50	50	43	29	26	25	23		31		28	21	19	34	31	30	44	47	52	41	
	MIN	-1	-6	4	-7	-5	15		21	25	26	27	28	25	22	18	5	-3		10		15		-10	-15	16	5	19	23	26	25	
GARRISON	MAX	12	22	17	21	22	36	39	47	47	44	45	48	34	24	23	19	23	25	32	42	19	17	5	30	26	29	40	44	46	39	
	MIN	1	-5	4	1	-2	21	20	22	27	21	-26	28	17	12	14	1	-2	5	14	18	-2	-5	-9	-8	13	17	27	26	25	25	
GRAFTON STATE SCHOOL	MAX	23	21	20	22	24	32	35	49	50	47	45	38	39	33	26	24	21	17	21	31	30	15		13	29	19	43	38	43	40	
	MIN	1	-3	8	-1	-10	9	6	17	25	22	23	30	22	23	20	13	0	-6	5	14	12	-12	-13	-15	10	0	8	13	31	27	
GRAND FORKS CAA	MAX	14	19	19	17	24	31	34	47	47	45	45	45	32	32	26	20	19	15	23	33	22	10	4	18	29	19	39	38	41	38	
	MIN	2	1	6	-3	-7	15	10	20	26	24	28	26	24	22	20	10	-3	-1	10	15	-5	-11	-12	-16	16	-2	19	16	30	20	
GRAND FORKS UNIVERSITY	MAX	19	19	14	17	23	31	33	47	47	45	45	45	34	32	28	22	19	18	27	33	23	12	4	15	31	31	39	37	43	40	
	MIN	2	1	8	-4	-4		9	19	28	26	26	27	23	24	22	16	-3	-1	8	15	12	-11	-12	-16	14	-2	9	11	29	19	
GRAND RAPIOS 1N	MAX	24	20	29	21	25	39	35	49	50	47	54	55	44	34	28	24	32	24	34	44	34	21	20	33	34	28	51	46	54	44	
	MIN	1	-4	6	-4	-9	16	12	11	26	27	28	30	28	22	16	16	2	6	10	17		-2	-12	-20	22	12	16	19	26	22	
GRANVILLE	MAX	20	24	28	25	27	27	41	53	51	49	43		35	28	23	20	20		34	42	29	16	8	35	27	29	42	46	47	41	
	MIN	3	1	7	-7	-3	9	14	20	28	21	25		18	17	19	4		-6	11	14	1	-12	-13	-15	10	19	22	25	25	24	
GRENORA	MAX	15	33	30	17	29	30	44	53	47	44	44	46	39	29	22	26	16	30	32	40	26	30	22	33	32	39	42	45	49	39	
	MIN	2	-5	9	6	11	25	24	23	25	20	22	24	25	-2	18	7	-1	-2	-1	19	7		-8	-4	8	15	30	26	25	25	
HANKINSON R R STATION	MAX	33	15	18	19	20			33	45		47	54	51	41	29	48	22	23	22	25	36	26	20	9	28	35	21	41	41	39	
	MIN	9	0	1	-4	-1	3	6	18	18	21	29	24	32	22	21	18	3	2	2	13	18	1	2	-18	-14	11	10	17	19	29	
HANNAH	MAX	16	20	15	16	23	31	35	49	47	44	44	36	33	29	21	20	17	11	24	29	19	7	-2	20	20	17	40	40	41	40	
	MIN	-1	-2	5	-7	-8	12	10	15	24	23	26	28	27	20	16	11	-6	-7	5	14	-2	-6	-18	-18	11	-2	15	18	23	27	
HANSBORO	MAX	15	21	16	17	23	31	37	49	47	45	44	34	34	28	21	19		14	19	28	24	11	2	22	23	19	42	41	42	37	
	MIN	2	-1	5	-3	-4	11	13	21	25	23	22	27	26	20	16	5		-6	7	10	3	-15	-15	-17	15	6	14	20	25	25	
HETTINGER	MAX	12	31	34	15	34	35	41	43	46	40	48	52	38	29	23	18	33	41	39	48	32	29	24	36	37	52	45	52	54	48	
	MIN	1	-8	5	7	4	21	19	29	28	25	24	29	29	22	18	3	1	15	15	24	14	5	9	9	19	20	30	29	29	28	
HILLSBORO	MAX	28	15	18	20	21	30	32	45	49	48	46	43	36	32	26	25	22	18	23	34	30	15	10	19	35	20	42	38	46	44	
	MIN	5	-4	8	-4	-11	6	9	20	26	25	25	25	26	26	21	16	0	-2	6	16	14	-7	-4	-16	17	2	15	16	24	21	
JAMESTOWN CAA	MAX	13	21	27	22	23	34	34	48	49	49	49	49	35	27	24	22	26	20	28	38	25	18	13	30	32	22	48	44	51	45	
	MIN	-2	-2	0	-7	-8	16	9	19	29	27	29	29	26	19	16	5	-1	0	10	17	2	-4	-16	-17	13	15	21	22	28	24	
JAMESTOWN STATE HOSP	MAX	26	18	30	19	23	31	35	48	48	46	47	50	40	32	24	21	25	19	28	40	30	18	17	32	30	25	47	45	50	45	
	MIN	2	-2	4	-4	-7	16	9	21	28	28	30	29	29	20	17	13	2	2	10	19	10	-3	-5	-13	16	15	17	24	28	29	
KENMARE	MAX	28	12	31	19	25	28	38	45	52	48	46	42	44	30	23	21	18	25	20	31	40	15	11	9	35	19	42	40	45	45	
	MIN	3	0	1	-4	2	3	20	22	25	24	22	26	25	10	15	12	0	2	4	18	13	-7	-15	-16	9	14	19	27	28	28	
KENSAL WILDLIFE REFUGE	MAX	25	17	28	23	23	36	35	48	50	48	48	50	35	33	26	21	26	20	27	37	28	19	13	29	35	31	47	47	51	47	
	MIN	-4	-5	1	-7	-9	15	7	20	26	25	22	26	21	18	14	9	0	-2	2	15	10	-7	-7	-17	13	12	15	20	26	25	
LANGDON EXP FARM	MAX	25	20	13	18	22	33	34	48	48	53	44	40	33	30	20	24	22	18	20	28	23	10	5	20	26	20	48	40	48	38	
	MIN	-1	-2	2	-10	-7	8	10	15	22	20	26	28	27	20	14	5	-9	-5	2	15	10	-15	-19	-19	13	-5	12	18	24	22	
LARIMORE	MAX	21	20	17	20	25	34	35	52	50	48	45	42	34	33	25	23	21	25	23	31	26	10	9	20	29	25	42	39	46	43	
	MIN	-3	1	7	-3	-7	11	9	19	29	25	26	28	21	23	20	15	0	-10	7	17	9	-7	-11	-14	12	1	11	24	32	30	
LEEOS	MAX	21	21	20	24	24	36	38	51	51	46	45	40	35	29	23	20	18	17	24	32	23	14	2	23	29	23	41	44	47	39	
	MIN	-3	0	7	-5	-7		9	20	26	20	22	28	21	22	19	15	-4	-1	7	16	3	-10	-17	-14	15	10	15	24	27	27	
LINTON	MAX	25	24	34	22	22	32	40	51	52	48	53	54	44	29	27	22	22	35	40	49	31	23	23	38	35	32	50	45	54	48	
	MIN	3	-8	7	3	-7	19	17	19	22	27	33	28	23	20	20	18	-1	12	15	22	16	0	3	-5	11	10	27	20	19	20	
LISBON	MAX	32	19	30	25	23	26	33	33	47	50	47	55	58	50	45	36	28	28	23	24	42						40	50	49	41	
	MIN	5	-4	4	-5	0	-5	10	11	20	27	25	26	30	18	13	10	3	2	7	13	17						10	11	15	25	21
LOSTWOOO 12N	MAX	7	22	30	20	21	36	39	48	46	43	47		33	22	20	17	19	16	31	40	33	21	5	30	21	25	41	43	44	39	
	MIN	-1	-5	4	-2	-2	21	22	24	18	23	21		21	10	15	10	-2	-1	9	17	-1	-12	-19	-19	10	17	22	22	26	22	
MAOOOCK AGR SCHOOL	MAX	20	20	23	22	25	34	36	49	48	45	46	42	33	28	24	20	16	15	23	34	28	14	9	29	25	23	40	44	47	42	
	MIN	-3	-1	6	-9	-9	18	9	19	26	21	24	26	16	18	14	14	-7	-1	6	15	6	-12	-14	-14	9	12	17	20	27	25	
MANOAN EXP STATION	MAX	28	11	34	14	18	29	31	38	46	49	45	47	50	36	26	23	19	30	32	37	49	20	21	10	32	29	40	46	47	52	
	MIN	0	-4	1	5	-9	7	19	23	28	27	26	30	30	17	17	16	2	7	13	17	18	0	-3	-13	10	13	19	24	29	23	
MANOAN FT LINCOLN PARK	MAX	23	23	34	23	20	33	39	47	51	49	51	53	45	28	24	20	30	30	38	52	43	22	13	33	32	30	49	48	54	50	
	MIN	0	-4	9	4	-12	18	20	22	25	26	25	29	27	16	15	15	1	6	14	19	13	0	-5	-12	16	13	23	24	24	23	
MARMARTH	MAX	19	35	35	14	35	36	39	38	42	38	42	42	35	34	24	20	30	38		45	34	29	24	28	35	46	44	46	46	46	
	MIN	5	-8	9	8	8	20	12	20	20	16	18	26	30	24	19	13	1	6		23	14	3	14	12	10	15	25	25	24	19	
MAX	MAX	31	13	30	14	22	25	34	38	48	48	46	44	49	40	24	20	17	24	22	29	40	20	15	8	18	28	35	42	42	43	
	MIN	-2	-5	-5	2	0	0	17	17	24	23	24	29	21	14	14	14	-4	-3	2	12	12	-10	-6	-14	4	8	18	22	22	22	
MAYVILLE	MAX	28	17	17	19	24	33	32	50	51	48	46	43	35	33	25	23	19	15	22	36	32	15	15	19	32	17	45	39	47	44	
	MIN	3	0	6	-1	-5	12	9	20	30	26	28	29	26	25	20	16	1	-5	7	18	10	-1	-2	-10	13	2	14	22	32	29	
MC CLUSKY	MAX	20	20	29	20	21	30	35	45	46	46	46	48	37	28	23	19	24	24	36	41	32	18	14	28	28	23	42	44	48	44	
	MIN	-2	-5	5	-5	-4	18	16	20	27	22	28	28	26	15	18	13	-3	4	12	20	6	-4	-6	-10	14	18	21	24	25	25	
MC HENRY 5 N	MAX	21	15	20	20	21	33	34	48	49	45	46	43	34	30	23	20	17	14	21	32	27	14	8	25	26	18	40	42	47	45	
	MIN	-4	-4	5	-9	-8	14	9	19	24	22	27	25	18	20	16	6	-5	-1	5	16	8	-11	-10	-17	12	7	13	21	27	26	
MC LEOO 3 E	MAX	12	20	17	18	26	32	33	45	48	49	51	53	43	38	30	25	26	22	25	35	32	20	12	25	36	27		42	47	40	
	MIN	6	-4	6	-5	-7	15	13	15	26	26	28	30	29	26	19	14	-1	3	7	20	15	-4	-5	-17	-4	7	15	20	27	28	
MEOORA 4 NNE	MAX	19	34	35	16	30	37	43	45	48	50	44	49	41	32	25	22	34	39	44	51	38	27	25	43	36	51	47	50	53	45	
	MIN	5	-3	10	6	2	28	11	15	22	20	21	24	29	23	19	14	-10	3	17	23	12	0	4	-1	9	9	34	22	20	20	
MINOT CAA	MAX	12	31	24	22	23	35	39	53	49	46	41	46	32	23	21	17	19	15	31	40	18	13	4	29	27	37	40	44	45	42	
	MIN	3	1	1	-2	-1	19	22	24	31	24	22	23	17	14	16	1	-1	-1	10	16	-2	-6	-11	-6	18	18	28	29	30	25	
MINOT EXP FARM	MAX	18	20	29	25	22	34	38	52	48	45	41	45	36	25	22	17	20	15	30	38	32	13	7	27	27	27	40	42	44	40	
	MIN	2	-1	7	-5	0	18	18	23	30	23	22	25	23	14	17	2	-2	-3	11	18	5	-7	-12	-9	18	18	26	28	25	25	
MOHALL	MAX	20	23	28	21	27	37	45	52	49	48	46	42	41	26	23	19	20	15	29	38	29	8	6	29	24	26	40	46	45	38	
	MIN	2	1	6	-9	-4	16	15	20	25	23	22	23	21	12	13	13	-3	2	7	14	0	-13	-19	-15	7	18	19	26	26	23	
MOTT	MAX	21	32	32	14	29	38	42	45	50	43	50	52	41	32	26	21	33	35	36	55	40	29	18	36	37	50	48	52	54	47	
	MIN	0	-11	8	5	3	23	16	20	24	22	20	27	26	21	18	10	-5	3	14	18	14	4	6	-4	11	12	24	20	19	20	
MUNICH 4 SW	MAX	16	19	15	18	22	34	35	49	48	44	43	34	33	30	20	18	12	12	18	27	19	8	4	20	31	17	38	39	45	37	
	MIN	-2	-2	6	-5	-8	10	11	13	24	19	24	26	26	20	16	11	-9	-7	6	13	1	-19	-19	-20	4	0	12	19	23	22	
NAPOLEON 1 SE	MAX	23	20	31	20	20	33	35	44	47	46	52	49	41	29	25	20	26	28	36	43	36	20	19	33	31	29	46	43	49	43	
	MIN	-1	-7	1	-6	-12	18	19	19	23	23	27	29	28	15	15	14	-2	5	12	20	11	-4	-8	-12	18	9	23	22	28	22	

See Reference Notes Following Station Index

DAILY TEMPERATURES

e 5 Continued

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ENGLAND	MAX	8	33	34	11	29	36	41	44	47	40	45	50	38	30	23	19	33	38	39	50	36	28	24	41	38	52	48	51	52	43		36.7
	MIN	3	-12	6	4	1	28	16	20	23	24	22	26	29	21	18	7	- 7	6	14	23	13	5	5	1	15	15	30	21	25	26		14.3
SALEM 1 S	MAX	20	30	33	14	22	33	38	45	50	45	49	40	33	24	23	17	25	29	35	48	33	22	16	33	30	35	35	40	43	49		33.0
	MIN	2	- 8	- 2	4	- 2	20	18	16	20	19	20	18	15	15	12	6	0	3	15	22	13	6	- 5	-10	15	16	15	20	25	29		11.2
S	MAX	32	15	15	17	20	24	31	32	42	50	46	56	55	38	28	27	22	31	19	36	42	25	20	10	33	36	29	52	47	55		32.8
	MIN	5	- 3	- 2	4	- 8	- 5	18	18	18	25	28	27	28	22	17	17	5	8	9	11	19	0	5	-13	- 3	14	15	18	20	21		11.3
RIVER	MAX	23	20	16	19	24	33	37	50	49	46	45	39	37	33	23	24	20	17	21	30	25	10	31	18	29	18	41	44	45	43		30.3
	MIN	3	1	9	1	- 4	12	10		30	27	21	28	26	23	20	13	1	- 6	6	14	10	- 8	-10	-10	3	1	9		31	30		10.4
HALL	MAX	17	21	14	19	24	38	40	49	48	43	42	50	34	25	23	20	16	23	31	39	28	15	12	30	29	30	41	45	45	40		31.0
	MIN	1	- 5	8	- 2	- 5	20	22	18	22	19	24	28	23	8	17	4	- 7	- 1	10	16	4	-15	-14	-14	4	7	25	16	22	19		9.1
INA 2N	MAX	23	18	18	18	21	31	33	42	48	50	50	48	36	35	26	25	22	18	21	31	31	16	10	12	21	20	39	39	42	42		29.5
	MIN	- 3	- 5	- 9	- 8	-10	10	7	15	24	28	25	34	28	22	21	15	3	- 4	6	15	11	-11	-17	-15	10	- 6	10	13	29	27		8.8
RSBURG	MAX	18	18	16	24	22	35	33	51	48	47	43	39	32	32	22	23	17	16	19	30	24	20	4	21	22	16	42	41	44	39		28.6
	MIN	0	- 3	- 7	- 7	- 4	12	12	19	22	20	20	19	19	20	16	5	5	2	4	15	9	-12	-14	-15	13	2	10	22	25	28		8.6
BONE	MAX	20	19	29	19	22	31	35	45	46	46	50	49	39	31	24	21	29	25	33	41	31	18	15	32	28	26	45	46	49	46		33.0
	MIN	0	- 5	7	- 8	- 8	15	13	19	20	25	25	26	21	19	17	14	- 3	6	10	18	8	- 3	- 6	-16	16	15	16	21	25	22		11.0
S LAKE 1N	MAX	12	23	30	20	24	37	45	52	46	44	46	43	33	22	20	15	12	14	30	37		11	- 4	30	20	29	40	43	43	39		29.5
	MIN	1	3	5	2	- 3		22		22	15	22	22	18	10	15	10	- 9	- 9	8	15	- 4	-16	-20	-14	9	14	28	20	23	19		8.1
ROTON ABBEY	MAX	16	26	33	13	26	36	38	43	47	43	49	49	41	29	23	18	28	30	31	46	41	23	22	33	32	42	45	46	50	46		34.8
	MIN	3	- 9	7	4	7	21	18	27	29	27	26	30	28	17	17	9	1	9	15	21	11	3	- 1	- 3	19	11	33	27	28	31		15.5
ROALE	MAX	17	27	32	20	21	35	38	45	42	44	45	47	42	24	22	17	18	25	30	42	32	17	12	29	25	30	42	44	48	44		31.9
	MIN	1	- 5	6	5	- 4	20	18	24	25	24	25	31	23	11	17	7	0	5	13	20	6	- 5	- 3	-10	14	17	27	26	27	28		13.1
	MAX	12	20	16	20	22	31	36	48	48	45	43	47	32	28	21	20	20	14	20	28	25	9	7	22	26	21	41	41	40	38		28.0
	MIN	3	- 1	6	- 1	- 2	15	13	25	24	21	24	29	25	20	16	5	- 2	- 3	8	13	5	-15	-15	-12	15	7	16	20	22	23		10.1
	MAX	29	20	22	21	24	34	38	51	49	45	45	41	37	29	26	21	16	18	23	33	28	10	6	29	25	23	41	44	45	43		30.5
	MIN	- 1	0	9	- 5	- 3	14	13	19	27	18	26	27	18	18	18	11	- 7	2	8	17		-12	-16	-15	10	13	18	23	23	27		10.3
AVEN	MAX	16	21	17	20	24	34	39	49	45	45	42	42	34	27	23	19	18	14	23	29	27	9	5	23	30	23	41	43	43	38		28.8
	MIN	1	- 3	6	- 1	- 5	15	15	22	21	22	27	31	24	21	17	12	0	4	6	15	5	-13	-16	-11	10	10	16	21	21	28		10.7
H	MAX	31	12	32	20	18	31	37	43	49	48	44	43	50	33	25	23	18	11	21	29	40	13	13	4	25	28	38	41	46	49		30.5
	MIN	4	- 2	- 1	10	- 4	3	21	18	22	19	18	25	24	11	11	15	0	2	1	12	15	-15	-11	-17	4	6	18	18	26	20		9.1
N	MAX	25	15	15	24	22	36	33	48	55	48	44	40	34	33	23	25	20	17	21	32	29	14	8	21	29	18	40	41	46	50		30.2
	MIN	0	- 4	5	- 4	- 5	10	12	20	25	23	25	28	24	21	17	15	- 4	0	6	12	9	-10	- 8	-14	15	4	12	25	28	27		10.5
EY	MAX	12	25	30	25	22	37	51	56	47	42	43	45	32	22	23	15	11	18	28	37	16	12	12	27	24	33	37	43	44	39		30.3
	MIN	0	- 5	5	2	5	20	21	24	24	20	23	25	10	10	10	0	- 3	- 3	10	15	1	-11	-19	-12	12	15	22	24	23	22		9.7
E	MAX									48	49	51	51	36	30	35	21	29	23	38	45	32	19	18		31	29	42	44	50	49		36.7
	MIN										25	26	26	24	15	13	15	- 2	5	11	20	- 4	- 3	- 7	-14	15	15	22	22	24	23		12.9
R	MAX	17	22	22	23	25	35	41	53	50	52	47	42	35	26	19	22	17	19	18	35	26	13	4	31	23	25	42	45	42	44		30.5
	MIN	0	- 2	7	-10	4	14	12	22	21	18	24	18	10	17			-11	7	6	7	- 2	- 7	-21	-18	9	7	14	15	26	22		7.5
E LAKE	MAX	23	20	31		21	31	37	46	45	46	46	48	41	30	22	21	21	25		41	35	18	12	25	40	26	43	44	49	44		33.3
	MIN	- 1	- 5	5			15	14	21	22	21	22	29	14	12	13	13	- 2	3		12	12	- 6	- 6	-13	11	12	21	23	29	24		11.7
WOOD 12 W	MAX	20	21	21	15	24	35	40	46	48	46	46	47	40	27	25	20	25	27	25	43	35	20	20	32	28	32	44	45	47	47		33.0
	MIN	3	- 4	- 5	- 2	- 9	20	15	17	28	22	23	23	25	15	14	10	-11	0	0	15	4	- 9	-10	-16	8	18	18	21	21	21		10.0
3N	MAX	20	24	21	23	26	38	43	55	53	49	45	42	34	29	33	24	19	19	26	38	26	16	9	29	27	25	43	45	45	41		32.2
	MIN	3	- 1	5	- 9	13	14	13	19	28	20	27	26	19	14	18	8	-12	1	6	12	5	-15	-21	-22	3	16	17	21	19	23		9.0
Y CITY	MAX	27	27	15	21	23	31	33	43	48	46	44	48	45	35	27	24	24	19	35	37	33	16	15	26	32	25	45	42	46	44		32.5
	MIN	2	- 4	11	- 4	- 8	13	8	16	29	23	28	29	26	21	18	17	1	5	5	17	16	- 2	- 4	-13	16	10	15	20	28	23		12.1
OOK	MAX	19	22	32	19	25	37	42	49	47	43	43	50	37	26	22	18	15	21	30	39	29	12	11	28	29	29	40	45	46	43		31.6
	MIN	2	- 5	8	9	- 2	22	23	21	26	20	24	30	26	9	18	11	- 3	0	13	23	6	-11	-12	-12	3	13	25	22	23	21		11.8
	MAX	19	21	30	21	24	34	40	51	50	46	43	47	34	25	23	19	20	18	32	43	32	17	12	34	28	28	42	45	46	43		32.2
	MIN	2	1	6	- 8	- 5	16	14	21	30	24	24	25	19	16	18	5	- 2	1	9	17	4	- 5	- 8	- 8	13	19	28	25	29	25		11.8
TON STATE SCHOOL	MAX	27	19	25	18	25	30	35	44	52	43	52	52	45	33	29	26	25	22	25	37	36	23	17	23	34	28	37	39	46	40		32.9
	MIN	9	- 3	9	- 2	- 3	14	19	21	28	28	32	32	31	24	22	17	- 1	5	11	19	17	- 2	0	-13	18	7	15	21	31	27		14.4
URN	MAX	24	20	33	21	21	32	36	44	46	45	47	48	46	29	24	22	36	28	34	43	37	20	17	28	28	27	44	46	50	46		34.1
	MIN	- 2	0	9	8	- 4	19	18	21	26	24	26	28	28	13	16	15	0	1	14	20	9	0	- 6	-10	11	15	23	24	26	24		13.2
RO CITY	MAX	17	26	34	16	26	35	38	42	46	44	45	50	38	28	22	18	24	28	35	45	42	17	11	18	29	44	43	45	48	40		33.1
	MIN	0	- 9	5	5	9	22	19	21	28	22	25	27	27	11	17	9	- 2	2	16	19	16	9	- 9	- 2	14	9	33	27	24	29		14.1
OPE	MAX	15	23	20	21	26	36	44	52	50	49	47	39	31	28	22	20	16	15	24	32	17	11	3	24	27	24	39	45	42	33		29.2
	MIN	1	- 2	4	- 8	- 3	17	16	19	27	20	24	19	16	15	14	1	- 8	3	7	14	- 3	-15	-21	-18	5	13	17	20	24	24		8.1
STON WB CITY	MAX	11	35	21	16	33	37	40	49	46	42	43	49	35	25	23	18	21	27	35	43	20	16	12	34	29	41	43	52	48	41		32.8
	MIN	2	- 2	7	10	14	28	25	26	31	24	30	29	22	13	17	5	2	0	22	19	3	- 1	- 6	4	11	18	30	29	29	27		15.6
W CITY	MAX	17	23	20	23	21	35		52	49	47	43	38	31	30	24	19	15	15	22	33	22	9	5	28	26	23	40	47	46	40		29.1
	MIN	- 1	0	4	-12	- 8	12		18	24	17	21	26	16	18	17	2	- 9	- 7	7	10	0	-18	-17	-24	2	12	12	14	24	21		6.2
N RR STATION	MAX	28	11	31	13	17	25	31	30	42	45		46	47	33	23	21	17	25	26	33	42	18	20	10	27	27	38	43	43	47		29.6
	MIN	- 3	- 6	- 6	- 1	- 6	- 4	14	17	21	25		26	29	12	12	13	2	7	11	12	15	- 3	- 8	-14	8	14	15	22	23	29		9.5
K	MAX	32	14	14	16	18	24	30	35	44	48		49	45	32	32	23	16		29	34	45	22	22	12		35	35	49	45	49		31.4
	MIN	- 6	-11	- 7	- 5	-10	- 5	15	13	18	22		23	28	13	13	12	- 2	2		11	14	- 3	- 6	-13		8	13	12	21	16		6.9

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH D
NOVEMBE

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
ALMONT 7 SW	SNOWFALL	T					T							0.5			T						T	1.							
	SN ON GND	4	4	3	3	3	3	3	2	1						1	1	1	1	1			T	1							
[illegible]MENIA	SNOWFALL													T	3.	1.	1													
	SN ON GND	2	2	2	2	2	T	T	T	T					2	3	3	3	3	3	2	T	2	2	2	1	1	T	T	T	T
AMIDON	SNOWFALL	.2	T	T	0.5	0.5	T							T	T	T	[illegible]	[illegible]						T	[illegible]					
	SN ON GND	2	2	2	3	3	3	3	2	2	.	1	1	1	1	1	[illegible]	[illegible]	.	2	.	1	1	1			1	1	[illegible]		
ASHLEY	SNOWFALL																T													
	SN ON GND																1							T						
[illegible]BEACH	SNOWFALL	T		1.0	0.7		0.3							1.0			[illegible]							0.3						
	SN ON GND	3	3	4	4	4	4	4	3	[illegible]	1	1	1	1	1	1	3	3	3	2	.	1	1	1	.	1	1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]BELCOURT INDIAN RESERV	SNOWFALL			T											1.	2.5														
	SN ON GND	T	T	1	T	T	T								1	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3
BELFIELD	SNOWFALL	–	–	–	–	–	–								–	–	–	–					–								
	SN ON GND	3	4	4	4	5	5	4	4	4	[illegible]	3	2	1				1	1		1	1	1	1	1						
BEULAH	SNOWFALL													T		1.8														
	SN ON GND	3	3	3	3	3	[illegible]							T	T	2	[illegible]	[illegible]	1				.3	0.7							
BISBEE	SNOWFALL			T											1.	1.0														
	SN ON GND														1	2	[illegible]	[illegible]	[illegible]	[illegible]	2	[illegible]	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]BISMARCK WB CITY	SNOWFALL	T		T			T							T		1.0	[illegible]					.3	T	1.0						
	SN ON GND	2	2	2	2	2	2	1	1	T	T				T			1	1		T	T	T				1	T	T		
BISMARCK WB AP	SNOWFALL	T	T	T		T								0.1	T	[illegible]	[illegible]	T				.2	.9						•	
	SN ON GND	1	1	1	T	T	T	T	T	T	T			T	T	[illegible]	1	1	1	T	T	T	T	[illegible]	[illegible]	[illegible]	T	T	T	[illegible]	
BOTTINEAU	SNOWFALL	0.5													1	1	.3													
	SN ON GND	1	1	1	1	1	1	1							[illegible]	[illegible]	[illegible]	1	1	1	1	1	[illegible]	[illegible]	[illegible]	[illegible]	1	1	[illegible]	[illegible]	[illegible]
[illegible]BOWBELLS	SNOWFALL														1.		1.	1.0												
	SN ON GND	T	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	1	[illegible]	2	2	1	1	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	T	[illegible]	T
CARSON 2 SW	SNOWFALL													–		–	–							–						
	SN ON GND	7	7	7	7	7	[illegible]	4	[illegible]	1				1	1	[illegible]	1	1	1	1				1	1	1	1				
CENTER	SNOWFALL	T												T	T	2.	T					T								
	SN ON GND	2	2	2	2	2	1	1	T	T				T	T	2		2	2	2	1	1	1	2	2	2	2	T	T		
CROSBY	SNOWFALL	T												[illegible]	T	1.5	T													
	SN ON GND	T	T	T	T	1								2	2	4	4	4	4	2	1	1	2			1		T	T		
DEVILS LAKE WB CITY	SNOWFALL	T		.6		T								T	4.0	0.4	0.6	T				T	T	1	1	T	T			
	SN ON GND	T	T	T	T	T	T	T							3	[illegible]	5	4	4	[illegible]	[illegible]	3	3	[illegible]	[illegible]	3	3	2	T	[illegible]	T
DICKINSON CAA AP	SNOWFALL	0.1	0.1	T	0.1	.3	T							T	T	.7	0.2					.1	.7	T						
	SN ON GND	4	4	4	4	4	2	2	1	T	T	T	[illegible]	T	T	T	[illegible]	1	[illegible]	1	[illegible]	T	[illegible]	[illegible]		T					
DICKINSON EXP STATION	SNOWFALL	T				T	0.1							T	T	0.2	0.6	T				T	T	.6			T			
	SN ON GND	4	4	4	4	4	4	3	2	1	T			T	T	1	2		1	1	.	T	T	T		T	T	T	T		
DONN CENTER	SNOWFALL	0.2	T											T	0.2	0.6	0.8	T				T		1.2						
	SN ON GND	2	2	2	2	2	2	2	1	T	T	T	T	T	T	T	1	1	[illegible]	[illegible]	[illegible]	T	[illegible]	1		1	1	[illegible]	T	T	T
EDMORE 1 W	SNOWFALL						T						T	T	3.0	1.						T					T			
	SN ON GND	1	1	1	1	1	1	1							3	4	4	4	4	[illegible]	[illegible]	[illegible]	3	3	3	3	3	2	1	T	T
ELLENDALE	SNOWFALL	T		T											T	T		T						1						
	SN ON GND	4	4	4	4	4	3	3	1	T	T				T	T	T							T						
FARGO WB AP	SNOWFALL	T	1	2.4	•		T							2.	2.1	0.8	0.2	T				T		.4			T			
	SN ON GND	5	5	7	6	5	5	3	2	1		T		T	4	4	4	[illegible]	4	4	4	3	3	3	3	3	3	2	[illegible]	[illegible]	T
FORT YATES	SNOWFALL			T											T									T						
	SN ON GND																													
FOXHOLM WILDLIFE REF	SNOWFALL													T	2.5	.	.3						T	T						
	SN ON GND													–	–	2	2	2	2	2	.	1	1	1	1	1	.				
FULLERTON	SNOWFALL			T											0.2	T	0.2													
	SN ON GND	4	4	3	3	3	2	2	T						T	T	T	[illegible]													
[illegible]RISON	SNOWFALL	T		T		T								.3	.2	0.5	T													
	SN ON GND	2	2	2	2	2	2	1							1	2	2	2	1	1	1	[illegible]	[illegible]	[illegible]	1	1	1	1			
GRAFTON STATE SCHOOL	SNOWFALL	T	T	1.5											3.5	2.5	T													
	SN ON GND	T	T	2	2	2	1	1	T	T	T	T		.	4	6	6	6	6	6	5	4	4	4	4	4	4	2	[illegible]	1	1
GRAND FORKS CAA AP	SNOWFALL	0.1		1.8	T		T							1.6	3.5	1.	T	T				0.1	T	T	T	T	T			
	SN ON GND	T		1	1		T							T	5	6	6	6				4	4	3	3	3	3	[illegible]		
GRAND FORKS UNIVERSITY	SNOWFALL	0.3		2.0										0.1	5.0	1.0	T	T				T			T					
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
GRANVILLE	SNOWFALL	T		T										T	2.0	2.0							T	T						
	SN ON GND	T	T												2	4	4	4	4	4	3	3	3	3	3	3	3	1			
HANSBORO	SNOWFALL	T		0.1											0.3	5.0	T										T	T		
	SN ON GND	T		–											–	5	5	5	5	5	4	4	4	4	4	4	4	2			
HETTINGER	SNOWFALL	T	T		1.0	1.0										T	0.5					1.0	T							
	SN ON GND	3	2	2	3	4	3	2	1	T	T	T	T	T	T	T	1	T	T	T	T	1	1	T	T	T	T	T	–	T	
JAMESTOWN CAA AP	SNOWFALL	T	T	0.4			T								1.0	0.6	0.4					.1	0.3	.2	T		T			
	SN ON GND	2	2	2	2	2	1	T	T	T	T				1	2	2	1	1	1	1	1	1	2	2	2	1	T	T	T	T
KENSAL WILDLIFE REFUGE	SNOWFALL	T		T											1.5	[illegible]	T					T		T						
	SN ON GND	4	4	4	–	–	2	1							[illegible]	1	1	1	1			–	–	–	–						
KILDEER 8 NW	SNOWFALL	2.0	T	T	T	1	T							0.5	2.0	1.0							2.0	T						
	SN ON GND	8	8	8	8	8	7	5	2	1	T	T	T	1	3	4	4	4	4	4	2	2	4	4	4	-	2	T	T		
MANDAN EXP STATION	SNOWFALL	T		T	T									T	T	0.3	0.2	T					T	1.6	•					
	SN ON GND	2	2	2	2	2	2	2		1	1	T	T	T	T	T	T	T	T	T	T	T	T	2	.	1	1	1	1	T	T
MAYVILLE	SNOWFALL	0.5		0.7										T	1.5	0.9	1.1					T								
	SN ON GND	1	T	1	1	T	T	T	T	T	T	T		T	1	2	3	3	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T
MC CLUSKY	SNOWFALL															2.0								.7						
	SN ON GND	2	2	2	2	2	2	2	1	1	1	1	[illegible]	[illegible]	1	[illegible]	[illegible]	2	2	2	2	2	[illegible]	2	2	2	.	[illegible]	[illegible]	[illegible]	[illegible]

See reference notes following Station Index

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RY 5 N	SNOWFALL	T		T											1.0	1.2	T															
	SN ON GND	1	1	1	1	1	T	T							1	2	2	2	2	2	2	2	2	2	2	2	2	1	T			
4 NNE	SNOWFALL	T			–	0.3								T		0.7	0.3					T	T	0.3							
	SN ON GND	2	2	2	4	4	3	3	2	1	T	T	T	T	T	1	1	1	1	1	T	T	T	1	T	T	T	T	T	T	T	
AA AP	SNOWFALL	T	T	T										0.5	0.9	2.1	T	T	T			T	T									
	SN ON GND	T	T	T										T	T	3	3	3	3	2	1	1	1	1	1	1	1	T	T	T	T	
XP FARM	SNOWFALL													0.3	0.1	3.5	T						0.1	0.1							
	SN ON GND	1	1	1	1	1	1							T	T	4	4	4	4	3	3	3	3	3	3	3	3	1			
	SNOWFALL	T	T											T	0.1	4.9															
	SN ON GND	T												T	T	5	–	–	5	–	–	–	–	–	–	–	–	1	–			
IER	SNOWFALL	0.2		0.3	0.4										T	1.0	0.3	0.2				T	0.3	1.3							
	SN ON GND	4	4	4	5	5	5	4	4	3	2				T	1	1	1	1	1	T	T	1	2	2	2	2	2	T	T		
	SNOWFALL			0.5			0.5							0.7		0.5	0.6					T	0.8								
	SN ON GND	4	4	4	4	4	3	2	1	1				1	1	1	2	2	2	1		T	1	1								
4 SW	SNOWFALL														2.0	4.0									T							
	SN ON GND	T	T	T	T	T									2	6	5	5	5	4	4	4	4	4	3	2	2	1				
N 1 SE	SNOWFALL														T	0.3	T					T	T	0.2							
	SN ON GND	2	2	2	2	2	1	1	T	T					T	T	T	T	T	T	T	T	T	T	T	T	T					
	SNOWFALL			T	T											–	–	–						–							
	SN ON GND															1	2	–	–	–	–	–	–	1	1	–	–	–	–	–	–	
L	SNOWFALL													2.0		2.0	T															
	SN ON GND	2	2	2	2	2	1	–						2	2	4	4	4	4	4	4	4	4	4	4	4	4	3	2	1	1	
URG	SNOWFALL	–		–											–	–												T				
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	2	3	3	3	3	3	3	3	3	3	3	3	3	1	–	–	–	
NE	SNOWFALL			T											0.3	0.3	0.4	0.6						0.5				T				
	SN ON GND	2	2	2	1	1	1								–	–	1	1	1	1	1	1	1	1	1	1	1					
ROCK	SNOWFALL	T	T											2.0	T	0.5	0.5						1.0								
	SN ON GND	3	–	–	–	–	–	–	2	2	1			2	2	3	3	3	3	3	2	1	2	2	2	2	2	1	1	1		
TON ABBEY	SNOWFALL	0.2		0.1		T	0.2							0.8	0.5	1.7	0.7	T				0.1	0.3	0.5							
	SN ON GND	5	4	4	4	4	3	3	2	1	1	T	T	1	1	3	4	4	4	3	1	1	1	2	2	2	2	1	T	T	T	
LE	SNOWFALL													–	–	–	–					–	–	–								
	SN ON GND	2	2	2	2	2	1	T	T					T	T	2	2	2	2	2	1	1	1	1	1	1	1	T				
	SNOWFALL	T	T	T									T	T	2.0	2.7	T										T				
	SN ON GND	T	T	T	T	T	T	T							2	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	3	3
EN	SNOWFALL	T		T											0.3	2.4	0.3															
	SN ON GND	T		T											T	3	3	3	3	3	3	3	3	3	3	3	3	2	1	1	T	
	SNOWFALL	0.4	T	1.2											2.0	2.0	T					T		T							
	SN ON GND	1	1	3	3	2	1	T	T						2	4	4	4	4	4	3	3	3	3	3	3	2	1	1	T	T	
	SNOWFALL													–	–	–	–					–	–									
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
N	SNOWFALL	T													0.4	6.0	T															
	SN ON GND														1	6	6	6	6	6	6	6	6	6	5	5	5	4	2	1		
ITY	SNOWFALL			0.2											1.5	0.5	0.5							0.2								
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
N STATE SCHOOL	SNOWFALL	0.5		1.0										–	3.0	1.0	1.0							1.5								
	SN ON GND	1	1	2	2	2	2	1	1					–	3	3	4	4	4	3	2	2	2	3	3	2	2	2	1			
	SNOWFALL														2.0	4.0																
	SN ON GND														–	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	T	
ON WB CITY	SNOWFALL	T	T			0.2	T							0.1	0.1	1.7	T					T	0.9	T	T							
	SN ON GND	2	1	1	1	1	T							T	T	2	2	2	1	1	T	T	1	1	1	1	1	T	T			
ITY	SNOWFALL	T													3.0	1.0																
	SN ON GND														3	4	4	3	3	3	3	3	3	3	3	3	2	1	T	T	T	

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
ADAMS 7 S	0022	WALSH	10	48 20	98 06	–		6P	MYRON J. BATA	3
ALEXANDER	0096	MC KENZIE	13	47 50	103 38	2200		6P	ARTHUR J. BAUMAN	3
ALMONT 7 SW	0136	MORTON	4	46 43	101 39	2300	7P	7P	HOGAN RAMSLAND	2 3 5 7
AMBROSE	0189	DIVIDE	12	48 58	103 28	2060		6P	JAMES A. OPPERUD	3
AMENIA	0196	CASS	11	47 00	97 13	960	SS	SS	VIRGIL L. GEBEKE	2 3 5 7
AMIDON	0209	SLOPE	1	46 30	103 19	2910	8A	8A	TAFJELD ZUNDEL	2 3 5 7
ANTLER	0263	BOTTINEAU	12	48 58	101 20	1540	MID	MID	W. H. WEGNER	3
ARVILLA STATE PARK	0369	GRAND FORKS	10	47 56	97 30	960	6P	6P	ALBERT THOREEN	2 3 5
ASHLEY	0382	MC INTOSH	8	46 02	99 22	2025	8A	8A	SOO LINE AGENT	2 3 5 7
BALDHILL DAM	0450	BARNES	11	47 02	98 05	1300	8A	8A	F. A. JOHNSON	2 3 5
BALTA	0500	PIERCE	11	48 10	100 02	–		6P	FRANCIS E. BYKONEN	3
BANTRY	0516	MC HENRY	12	48 30	100 36	–		6P	TEMPLE K. ROBERTS	3
BEACH	0590	GOLDEN VALLEY	7	46 55	104 01	2814	6A	6A	HELEN TOBIAS	2 3 5 7
BELCOURT INDIAN RES.	0626	ROLETTE	9	48 50	99 45	1960	7P	7P	TURTLE MT. IND. AG.	2 3 5 7
BELFIELD	0639	STARK	4	46 52	103 11	2592	7P	7P	CARL INDERGAARD	2 3 5 7
BERTHOLD	0729	WARD	12	48 19	101 44	2080		6P	JOSEPH S. COX	3
BEULAH	0766	MERCER	6	47 16	101 47	1780		4P	KNIFE RIV. COAL CO.	3 7
BISBEE	0796	TOWNER	2	48 37	99 22	1600	6P	6P	ROBERT J. KRICK	2 3 5 7
BISMARCK WB CITY	0814	BURLEIGHT	8	46 48	100 48	1670	9A	9A	U.S. WEATHER BUREAU	2 3 5 7
BISMARCK WB AIRPORT	0819	BURLEIGHT	8	46 46	100 45	1650	MID	MID	U.S. WEATHER BUREAU	2 3 5 7
BOTTINEAU	0941	BOTTINEAU	12	48 50	100 27	1638	8A	8A	N. D. SCH OF FRSTRY	2 3 5 7
BOWBELLS	0961	BURKE	12	48 48	102 15	1953	8A	8A	FELIX L. ADAMS	2 3 5 7
BOWBELLS 5 E	0966	WARD	12	48 47	102 08	1925	8A	8A	DEVELOPMENT FARM	2 3 5 6
BOWMAN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2872	5P	5P	O. B. HOOK	2 3 5
BOWMAN 11 SE	0998	BOWMAN	3	46 04	103 19	–		6P	BERNARD L. DOMAGALA	3
BOWMAN 30 NNW	10 1	SLOPE	8	46 35	103 31	–		5P	ROBERT L. HANSON	3
BREIEN	1052	MORTON	1	46 24	100 57	172	MID	MID	FRANK E. POTTER	3
BUCHANAN	1175	STUTSMAN	5	47 04	98 48	–	MID	MID	W. H. HENDRICKSON	3
BURT 16 N	1216	METTINGER	1	46 36	102 8			6P	JACOB GRNEBLE	3
BUTTE	1 25	MC LEAN	12	47 50	100 40	1883	5P	5P	FRED J. KLOKOW	2 3 5
CANDO	1288	TOWNER	2	48 29	99 12			MID	HARRY E. HARRIS	3
CARRINGTON	1360	FOSTER	5	47 27	99 08	1519	7A	7A	SOO LINE AGENT	2 3 5
CARSON	1365	GRANT	4	46 25	101 34	2300		MID	VINCENT MUGGLI	3
CARSON 2 SW	1370	GRANT	4	46 23	101 35	2310	7P	7P	J. W. EVENS	2 3 5 7
CAVALIER	1435	PEMBINA	9	48 48	97 37	694	6P	6P	JOHN H. ERICKSON	2 3 5
CENTER	1456	OLIVER	8	47 07	101 18	2101	7P	7P	FRED L. HEINZ	2 3 5 7
COLGATE	1686	STEELE	10	47 14	97 39	1180		6P	JOHN P. BURCHILL	3
COLUMBUS	1696	BURKE	12	48 54	102 47	1930		6P	JOHN SUNDELL	3
COOPERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	5P	5P	R. J. LOCKNER	2 3 5
COURTENAY	1816	STUTSMAN	5	47 13	98 34	1523		5P	G. H. HANAWALT	3
CROSBY	1871	DIVIDE	12	48 54	103 18	1954	6P	6P	VERNON V. NICHOLS	2 3 5 7
DEVILS LAKE WB CITY	2158	RAMSEY	2	48 07	98 52	1471	MID	MID	U. S. WEATHER BUREAU	2 3 5 6
DICKINSON CAA AP	2183	STARK	4	46 48	102 48	2587	MID	MID	U.S. CIVIL AERO ADM	2 3 5
DICKINSON EXP. STATION	2188	STARK	4	46 53	102 48	2460	7A	7A	DICKINSON EXP. STA.	2 3 5 6
DONNYBROOK	2242	WARD	12	48 31	101 53	1760		6P	FRED E. FELONER	3
DRAKE	2298	MC HENRY	12	47 55	100 22	1634	8A	8A	ED. J. EVANS	2 3 5
DUNN CENTER	2365	DUNN	6	47 21	102 37	2191	6A	6A	CHARLES C. NEUSTEL	2 3 5 7
ECKMAN	2472	BOTTINEAU	12	48 39	101 03	1500	7A	7A	SOO LINE AGENT	2 3 5
EDGELEY EXP FARM	2482	LA MOURE	5	46 20	98 42	1568	8A	8A	N.D. AGRI. EXP STA.	2 3 5 6
EDMORE 1 W	2525	RAMSEY	2	48 25	98 29	1524	5R	5P	MIKE DAVI	2 3 5
ELBOWOODS	2570	MC LEAN	8	47 35	102 09	2082	6P	6P	H. W. CASE	2 3 5
ELGIN 5 S	2592	GRANT	1	46 21	101 49	–		6P	ART A. ELLINGER	3
ELLENDALE	2605	DICKEY	5	46 00	98 31	1460	8P	8P	PAUL GRES	2 3 5 7
ERPING	2735	WILLIAMS	8	48 18	103 21	2224	6P	6P	T. BEAHLER	2 3 5
ESMOND	2767	BENSON	11	48 02	99 46	1650		MID	LYLE O. FERING	3
FAIRFIELD 8 N	2809	BILLINGS	7	47 19	103 12	2650		6P	MRS. EDITH LARSON	3
FARGO WB AIRPORT	2859	CASS	10	46 54	96 48	895	MID	MID	U.S. WEATHER BUREAU	2 3 5 7
FESSENDEN	2949	WELLS	5	47 39	99 37	1611	6P	6P	JOHN V. ZUBER	2 3 5
FLASHER	3009	MORTON	1	46 27	101 14	1930		8A	GEORGE M. SINCLAIR	3
FLAXTON	3019	BURKE	12	48 54	102 23	1940		6P	PALMER M. DUNHAM	3
FORBES 13 NW	3064	DICKEY	5	46 04	98 56	–		6P	THEODORE A WIRCH	3
FORMAN	3117	SARGENT	1	46 06	97 38	1249	6P	6P	ART WATERMAN	2 3 5
FORT YATES	3207	SIOUX	8	46 06	100 38	1640	SS	SS	STAND RK INDIAN AGY	2 3 5 7
FOXHOLM WILDLIFE REFUGE	3217	WARD	12	48 27	101 33	1609	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
FRYBURG	3277	BILLINGS	4	46 53	103 18	2790		7A	HERMAN J. MAY	3
FULLERTON	3287	DICKEY	5	46 10	98 25	1439	6P	6P	F. O. ALIN	2 3 5 7
GACKLE	3309	LOGAN	5	46 38	99 08	1951	6P	6P	ALVIL HUMMEL	2 3 5
GARRISON	3376	MC LEAN	8	47 38	101 25	1911	MID	MID	ALBERT J. BEIRELE	2 3 5 7
GLEN ULLIN 13 N	3501	MERCER	6	47 00	1 1 47	–		6P	CHRIST SCHILLING	3
GOLDEN VALLEY 10 S	3529	MERCER	6	47 10	102 03	–		6P	ROBERT H. BACKFISCH	3
GRACE CITY	3583	FOSTER	5	47 33	98 48	–		MID	IDA BONDERUD	3
GRAFTON STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 5 7
GRAND FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	834	MID	MID	U.S. CIVIL AERO ADM	2 3 5 7
GRAND FORKS UNIVERSITY	3625	GRAND FORKS	10	47 55	97 03	830	MID	7P	UNIVERSITY OF N.D.	2 3 5 7
GRAND RAPIDS 1 N	3665	LA MOURE	5	46 29	98 21	1360	6P	6P	ALBERT J. NESS	2 3 5
GRANVILLE	3686	MC HENRY	12	48 16	100 51	1524	7P	7P	FRED ROBLE	2 3 5 7
GRASSY BUTTE	3696	MC KENZIE	7	47 24	103 14	2660		MID	SAM CHAPCHENKO	3
GRASSY BUTTE 10 N	3701	MC KENZIE	7	47 31	103 14	–		6P	EDSEL G. CRIST	3
GRENORA	3736	WILLIAMS	8	48 37	103 46	2114	5P	5P	L. D. NIELSON	2 3 5
HALEY	3836	POWMAN	3	48 58	103 08	–		MID	J. E. CRAWFORD	3
HALLIDAY	3846	DUNN	6	47 21	102 20	2073		6P	JOHN KISSE	3
HANKINSON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
HANNAH	3936	CAVALIER	9	48 59	98 41	1570	6P	6P	U.S. CUSTOMS OFFICE	2 3 5 7
HANSBORO	3961	TOWNER	9	48 57	99 23	1597	7P	7P	CHARLES E. DISHER	2 3 5
HARVEY 3 NE	4013	WELLS	11	47 45	99 53	1596		6P	H. J. REYNOLDS	3
HAYNES 6 NE	4073	ADAMS	1	46 01	102 24	2640		MID	BYRON B. BOBB	3
HETTINGER	4178	ADAMS	3	46 00	102 38	2680	6P	6P	FRED O. FORTHUN	2 3 5 7
HETTINGER 17 N	4186	ADAMS	1	46 15	102 39	–		6P	O. J. GERBRACHT	3
HILLSBORO	4203	TRAILL	10	47 24	97 04	901	6P	6P	ALFRED JAHNKE	2 3 5
JAMESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1497	MID	MID	U.S. CIVIL AERO ADM	2 3 5 7
JAMESTOWN ST HOSPITAL	4418	STUTSMAN	5	46 53	98 40	1457	7P	7P	N.D. ST. HOSPITAL	2 3 5
KEENE	4571	MC KENZIE	8	48 00	102 55	–		6P	DONALD M. LUND	3
KENMARE	4646	WARD	12	48 40	102 05	1800	8A	8A	THEO E. ECKBERG	2 3 5
KENSAL WILDLIFE REFUGE	4696	STUTSMAN	5	47 15	98 52	1440	7P	7P	U.S. WILDLIFE REFUGE	2 3 5 7
KILLDEER 8 NW	4726	DUNN	7	47 28	102 53	2240		6P	LEONARD J. DAVIS	3
KULM	4843	LA MOURE	5	46 18	98 57	1970		6P	JOHN STROEHL	3
LANGDON EXP. FARM	4958	CAVALIER	9	48 45	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5
LANSFORD	5002	BOTTINEAU	12	48 38	101 22	1610		6P	LOUIS SCHAEFER	3
LARIMORE	5013	GRAND FORKS	10	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
LEEDS	5078	BENSON	2	48 17	99 26	1515	7P	7P	JOHN FAGER	2 3 5
LEFOR 10 E	5088	STARK	4	46 38	102 21	2580		5P	JOSEPH LINK	3
LINTON	5210	EMMONS	8	46 16	100 14	1711	8P	8P	WILLIAM HEYERMAN	2 3 5
LISBON	5220	RANSOM	11	46 26	97 41	1091	7A	7A	ROBERT M. JODSAAS	2 3 5
LITCHVILLE	5230	BARNES	11	46 49	98 11	–		6P	WILLIAM H. RUGH	3
LOSTWOOD 12 N	5320	BURKE	12	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
MADDOCK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1694	6P	6P	BENSON CY AGR SCHL	2 3 5
MANDAN EXP. STATION	5479	MORTON	4	46 48	100 54	1750	8A	8A	NO. G.P. FIELD STA	2 3 5 6 7
MANDAN FT.LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
MANNING	5519	DUNN	6	47 14	102 46	–		MID	DONALD JEFFERIES	3
MARMARTH	5573	SLOPE	7	46 18	103 55	2714	6P	6P	S. P. GRANE	2 3 5
MARMARTH M D U CO.	5575	SLOPE	7	46 18	103 55	2710		MID	E. B. JESTNES	3
MARTIN	5610	SHERIDAN	11	47 50	100 07	1619		6P	WM PUTZ	3
MAX	5638	MC LEAN	8	47 49	101 17	2093	7A	7A	SOO LINE AGENT	2 3 5
MAYVILLE	5663	TRAILL	10	47 30	97 19	975	6P	6P	H. A. RAGAZ	2 3 5 7
MC CLUSKY	5710	SHERIDAN	8	47 29	100 29	1943	6P	6P	ELMER L. SCHIELKE	2 3 5 7
MC HENRY 5 E	5730	EDDY	11	47 38	98 35	1509	7P	7P	E. E. BLASKY	2 3 5
MC LEOD 3 E	5754	RICHLAND	11	46 24	97 14	1175	7P	7P	G. CARLSON	2 3 5
MC VILLE	5764	NELSON	10	47 46	98 11	1467		6P	H. KNIEFEL	3
MEDINA 1 W	5798	STUTSMAN	8	46 53	99 19	–		6P	RUDOLPH GRAF	3
MEDORA	5803	BILLINGS	7	46 55	103 31	2270		MID	RAY J. EATON	3
MEDORA 4 NNE	5813	BILLINGS	7	46 58	103 30	2250	5P	5P	U.S. FOREST SERVICE	2 3 5
MEDORA 11 N	5818	BILLINGS	7	47 04	103 32	–		6P	G. E. MESCHKE	3
MELVILLE	5833	FOSTER	5	47 20	99 02	1625		MID	EDGAR S. STEGMEIER	3
MINOT CAA AP	5988	WARD	12	48 15	101 17	1726	MID	MID	U.S. CIVIL AERO ADM	2 3 5
MINOT EXP FARM	5993	WARD	12	48 10	101 18	1720	6P	6P	N.D. AGRI EXP STA	2 3 5 7
MOFFIT 4 SE	6015	BURLEIGHT	8	46 40	100 14	1760		5P	U S FISH & W L SERV.	3
MOHALL	6025	RENVILLE	12	48 46	101 31	1639	9P	9P	LER JOHNSON	2 3 5 7
MONTPELIER	6105	STUTSMAN	5	46 42	98 35	–		8A	ROLF HANSON	3 7
MOTT	6155	HETTINGER	1	46 23	1 2 20	2420	SS	SS	FORREST E. COFFING	2 3 5 7
MUNICH 4 SW	6195	CAVALIER	2	48 38	98 53	1598	7P	7P	HAROLD FELONER	2 3 5 7

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
NAPOLEON 1 SE	6255	LOGAN	8	46 29	99 45	1955	7P	7P	GLADYS J. PETERSON	2 3
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2621	6P	6P	ANTON SELINGER	2 3
NEW ROCKFORD 7 WNW	6355	EDDY	5	47 43	99 16	1550		6P	RICHARD STEINBACH	3
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2163	6P	6P	WILLIAM F. GAEBE	2 3
NOONAN	6455	DIVIDE	12	48 53	103 01	1960		6P	GEORGE KOSTEK	3
NORTHGATE	6535	BURKE	12	49 00	102 16	1850		MID	U S CUSTOMS STATION	3
NORTONVILLE	6565	LA MOURE	5	46 33	98 44	–		6P	HENRY L. ERICKSON	3
OAKES	6620	DICKEY	5	46 08	98 05	1320	8A	8A	MRS. E.CARRIE MURRAY	2 3
PARK RIVER	6857	WALSH	10	48 23	97 45	998	5P	5P	MARTIN SEVERSON	2 3
PARSMALL	6867	MOUNTRAIL	8	47 57	102 08	1929	6P	6P	C. E. SHUBERT	2 3
PEMBINA 2 N	6947	PEMBINA	10	49 00	97 14	790	4P	4P	U S CUSTOMS & IMMIG	2 3
PETERSBURG	7027	NELSON	10	48 01	98 00	1524	5P	5P	REV. ODEAN MONSON	2 3
PETTIBONE	7047	KIDDER	8	47 07	99 31	1860	7P	7P	L. H. DETHLOFF	2 3
PINGREE	7117	STUTSMAN	5	47 10	98 54	1572		6P	JERRY W. TANGNEY	3
PORTAL	7201	BURKE	12	49 00	102 33	1954	9A	9A	U S CUSTOMS SERVICE	2 3
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	7P	7P	HERBERT J. CLARK	2 3
PRETTY ROCK	7311	GRANT	1	46 11	101 51	–		6P	FREDA LEER	3
REEDER	7450	ADAMS	3	46 06	102 57	2810		6P	HENRY A. GONNER	3
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2860		8A	CHAS. M. MEIZINGER	2 3
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2467	5P	5P	ASSUMPTION ABBEY	2 3
RIVERDALE	7585	MC LEAN	8	47 30	101 21	1910	8P	8P	CORPS OF ENGINEERS	2 3
ROLLA	7664	ROLETTE	9	48 52	99 37	1860	7P	7P	THEO B. FAGERLUND	2 3
RUGBY	7704	PIERCE	12	48 22	100 00	1560	6P	6P	FRANK HORNSTEIN	2 3
RYDER	7749	WARD	8	47 55	101 40	2108		6P	S. SCHELLENBAUM	3
SAN HAVEN	7824	ROLLETTE	12	48 50	100 02	2001	6P	6R	N.DAK. STATE HOSP.	2 3
SANISH	7834	MOUNTRAIL	8	47 59	102 32	835	7A	7A	M. J. BUGGE	2 3
SCRANTON	7931	OWMAN	3	46 39	103 09	–		6P	HENRY M. EHREN	3
SHERWOOD 1 N	1952	RENVILLE	8	48	1 1 10	2183		7P	L. E. WILSON	3
SHERWOOD 8 N	976	GOLDEN VALLEY	7	46	1 3 49	–		7P	G. E. BURY	3
SHARON	1986	STEELE	10	47 36	97 54	1516	8P	8P	HUGH LYON	2 3
SHERWOOD 3 N	1947	RENVILLE	8	48	101 36	1647		6P	S CUSTOMS SERVICE	3
SHEYENNE	8057	EDDY	11	47 5	99 7	59		MID	PEHR A. PETERSON	3
SHIELD	8065	GRANT	1	46	101 17	–		6P	EDWIN A. CARLSON	3
STANLEY	8276	MOUNTRAIL	8	48 19	1 24	2260	7P	7P	LEROY EDWARDS	2 3
STEELE	8366	KIDDER	8	46 51	99 55	1857	6P	6P	T. L. GOUNE PRESS	2 3
SYKE TON	8608	WELLS	5	47 28	99 24	1453		6P	WILLIAM R. EVANS	3
TAGUS	8621	MOUNTRAIL	12	48 20	101 56	2179		6P	DUE ROE N. P. GAR	3
TIOGA	8737	WILLIAMS	8	48 24	102 56	2229		6P	L. A. TIMON	3
TOLLEY 4 NE	8764	RENVILLE	2	48 46	101 47	–		6P	CARMIE NELSON	3
TOWNER	8792	MC HENRY	2	48 21	00 24	1482	7P	7P	AUGUST B. RINDER	2 3
TROTTERS 6 WNW	8807	MC KENZIE	13	47 21	104 01	2420		5P	WALTER GRUNEWALD	3
TURTLE LAKE	8840	MC LEAN	8	47 31	99 53	1899	5P	5P	ART KLUNGTVEDT	2 3
TUTTLE	8850	KIDDER	8	47 08	100 00	1880		5P	THEODORE OCHSNER	3
UNDERWOOD 12 W	8871	MC LEAN	8	47 26	101 24	1750	6P	6P	MRS. F. W. MATTSON	2 3
UPHAM 3 N	8913	MC HENRY	12	48 37	100 44	1425	5P	5P	U S WILDLIFE REFUGE	2 3
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	6P	6P	MISS I.C. ROBERTSON	2 3
VAN HOOK	8970	MOUNTRAIL	8	47 57	102 21	1864	9P	9P	ERWIN A. WENTSCH	2 3
VELVA	8990	MC HENRY	2	48 03	100 55	1511	6P	6P	OSCAR ANDERSON	2 3
VERONA	9035	LA MOURE	5	46 22	98 04	–		10A	LOUIS J. FRANDSEN	3
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	5P	5P	ST SCH OF SCIENC	2 3
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		6P	FELIX A. GASTONQUAY	3
WARWICK	9185	BENSON	11	47 51	98 42	–		6P	M. S. STINSON	3
WASHBURN	9195	MC LEAN	8	47 17	101 02	1731	6P	6P	FRED KRAUSE	2 3
WASHBURN WATER WORKS	9205	MC LEAN	8	47 17	101 02	1730		MID	WASHBURN WATER WK	3
WATAUGA 8 N, S DAK.	9219	GRANT	1	46 12	101 34	–		6P	JOHN C. SPICER	3
WATFORD CITY	9233	MC KENZIE	8	47 48	103 17	2084	8P	8P	J. C. ZELLER	2 3
WATFORD CITY 11 E	9238	MC KENZIE	8	47 47	103 07	–		MID	IDA PETERSON	3
WATFORD CITY 20 SE	9246	MC KENZIE	8	47 35	103 07	–		6P	MRS. AGNES MURRAY	3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 1	1508	6P	6P	REV. R. CAREY	2 3
WILDROSE	9400	WILLIAMS	8	48 38	103 0	2258		6P	JONATHAN WINEJER	3
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 35	1877	MID	MID	U S WEATHER BUREAU	2 3
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	147	8P	8P	O. M. SANDERSON	2 3
WILTON R R STATION	9455	MC LEAN	8	47 09	100 48	2159	8A	8A	SOO LINE AGENT	2 3
WISHEK	9515	MC INTOSH	8	46 16	99 34	2019	8A	8A	M. M. LARSON	2 3
WOODWORTH 5 E	9575	STUTSMAN	5	47 09	99 2	–		6P	JOHN ROHRER	3
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		6P	LA SEVERTSEN	3

DRAINAGE CODE: 1. CANNONBALL 2. DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED 11 SHEYENNE 12. SOURIS 13 YELLOWSTONE

REFERENCE NOTES FOR THIS ISSUE MAY BE FOUND ON PAGE 180.

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CLIMATOLOGICAL DATA

NORTH DAKOTA

DECEMBER 1951
Volume LX No. 12

NAT.
HIST.

KANSAS CITY: 1952

NORTH DAKOTA - DECEMBER 1951

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

The month of December was characterized by an unusually long and severe cold period f about the 12th to the 24th and for its snowfall ranging from near record proportions acr the southern third of the state to only a couple inches at many stations across the nor ern third of the state. It was the coldest December since 1927.

The mean temperature for the state was 6.1 degrees which is 7.9 degrees below normal. eastern division averaged 6.2 degrees which is 6.5 degrees below normal; the middle divis averaged 5.7 degrees which is 7.6 degrees below normal, and the western division avera 6.5 degrees which is 9.6 degrees below normal. The highest mean temperature was 10.3 degr recorded at Hettinger and the lowest mean temperature was 1.8 degrees recorded at Muni The highest temperatures of the month occurred generally on the first with a few stati reporting them as late as the 5th. Hettinger with 56 degrees on the 1st reported the high temperature. The coldest period of the month was generally from the 16th to the 23rd. lowest temperature was 38 degrees below zero observed at Belcourt on the 18th and near Med on the 21st.

Precipitation for the month averaged 0.73 inch which is 0.25 inch above normal. The east division averaged 0.97 inch which is 0.43 inch above normal; the middle division avera 0.66 inch which is 0.21 inch above normal, and the western division averaged 0.56 inch wh is 0.11 inch above normal. However, precipitation varied widely over the state ranging f 2.19 inches at Fargo, which is more than 3 times their normal, to only 0.10 inch near B bells. In general precipitation was considerably below normal at most stations in the nor central and northeast portions of the state and considerably above normal across the south half of the state. Snowfall for the state averaged 7.8 inches which compares with a nor of 5.2 inches. It ranged from over 20 inches at Fargo to a little over an inch near Bowbel

The month opened with a continuation of the mild weather that existed at the close of Nov ber. The weather was somewhat unsettled during the first 12 days. Rain turning to s with some freezing rain occurred on the 6th and 7th and left from 1 to 4 inches of new s at most stations. Northerly winds up to 35 miles per hour occurred during this storm. other period of precipitation occurred about the 10th to the 12th. After the 12th, extrem cold weather set in and continued without a break until brief warming over Christmas again the last 3 or 4 days of the month. Temperatures were almost continuously below z in most sections of the state. Rather frequent snow occurred during the month mostly o the southern half of the state where it ranged to 7 inches by the 21st and by the end of month up to 15 inches was reported in the southeast portion of the state. The northeast north-central portions had generally 2 inches or less of snow on the ground at the end of month. Roads were frequently made heavy or blocked in south-central and southeast porti of the state. Feed supplies were generally ample but in the southwest it was seriously pleting available stocks. Although considerable drifting occurred on several days, th were no severe storms during the month. Freezing rain on the 6th and 7th and again near end of the month made highways in the southern portion very icy. No serious damage reported.--CJS

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
k WB Airport	NW	13	9.0	35	NW	10	83	81	75	79	8	11	2	0	0	0	21	45	7.2
Lake WB City	-	-	8.8	31	N	6	-	-	-	-	14	10	1	0	0	0	25	47	6.9
B Airport	NNW	17	13.0	37	S	3	76	75	73	80	9	7	6	1	0	0	23	48	6.6
on WB City	-	-	6.0	21	NW	10	80	79	75	74	12	8	2	0	0	0	22	43	7.7

COMPARATIVE DATA

	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
	7.1	60	-39	0.57	7.7	4
	4.7	55	-36	0.85	8.4	6
	19.1	70	-32	0.29	1.6	2
	13.8	62	-32	0.31	2.6	3
	16.4	53	-35	0.36	2.6	3
	10.8	69	-35	0.22	2.2	3
	12.1	51	-38	0.24	2.1	3
	12.8	60	-26	0.32	3.3	3
	17.3	58	-29	0.31	3.0	4
	12.4	61	-43	0.74	7.2	5
	7.8	49	-35	0.51	4.2	4
	11.6	57	-33	0.77	7.2	6
	14.2	55	-43	0.65	6.2	5
	15.3	55	-34	0.16	1.6	4
	8.4	49	-40	1.09	10.7	6
	20.1	68	-26	0.30	3.1	3
	14.4	62	-37	0.36	3.7	3
	5.2	54	-42	1.28	12.1	7
	12.9	56	-34	0.43	4.6	4
	14.9	61	-33	0.35	4.5	4
	18.9	72	-28	0.43	4.0	4
	22.7	61	-21	0.06	0.3	1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1914	5.4	57	-42	0.47	5.7	4
1915	15.8	57	-27	0.52	5.4	5
1916	2.7	81	-50	1.18	13.9	5
1917	0.7	58	-44	0.59	7.4	6
1918	18.5	65	-41	0.88	9.9	5
1919	7.4	49	-38	0.47	4.8	3
1920	15.2	59	-32	0.32	3.2	3
1921	16.5	59	-33	0.41	3.9	4
1922	8.5	55	-34	0.68	7.4	5
1923	22.2	62	-36	0.32	3.6	3
1924	2.9	58	-46	0.44	5.3	4
1925	16.5	67	-38	0.28	2.6	3
1926	9.2	55	-36	0.58	5.5	3
1927	1.8	43	-38	0.80	8.7	5
1928	20.7	57	-30	0.32	3.2	3
1929	12.5	59	-38	0.81	9.9	5
1930	19.9	53	-30	0.19	2.0	3
1931	21.0	58	-21	0.23	2.7	2
1932	12.4	60	-31	0.20	1.7	3
1933	8.6	62	-38	0.90	9.7	6
1934	12.6	53	-44	0.30	3.9	5
1935	12.6	51	-34	0.50	5.6	5

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1936	15.0	59	-38	0.43	5.5	4
1937	11.4	51	-33	0.54	8.5	8
1938	18.2	55	-41	0.32	4.1	4
1939	26.7	70	-20	0.28	2.3	4
1940	19.8	59	-38	0.42	4.0	4
1941	22.5	68	-20	0.15	1.8	3
1942	10.9	53	-30	0.53	7.1	7
1943	21.5	65	-22	0.12	1.0	2
1944	15.8	50	-27	0.06	0.9	1
1945	7.0	56	-38	0.64	8.8	8
1946	13.3	55	-35	0.58	8.2	8
1947	14.2	54	-38	0.42	5.5	4
1948	10.4	59	-35	0.70	9.7	7
1949	8.6	61	-38	0.65	8.3	6
1950	10.0	54	-39	0.57	7.4	6
1951	8.1	56	-38	0.73	7.8	8

r the period beginning with 1948 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for yeare.

CLIMATOLOGICAL DATA

Station	Temperature									Precipitation								
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
TERN DIVISION																			
	7.4	- 5.4	40	3	-24	23	1783	0	30	1.13	.61	.45	6	15.0	11	31	8	0	0
A 5TATE PARK	6.6		41	1	-29	23	1811	0	31	.53		.13	6				9	0	0
GTON	4.8	- 7.8	47	1	-30	18+		0	31	1.07	.66	.37	7				8	0	0
5TOWN	5.8	- 7.2	42	1	-29	19	1835	0	31	.82	.24	.36	6				3	0	0
LAKE W8 CITY	4.6	- 4.9	44	1	-24	18+	1874	0	31	.25	- .29	.10	6	2.8	2	25+	11	0	0
Y EXP FARM	6.5	- 8.5	43	2+	-30	18		0	31	.85	.36	.35	7	8.7	9	30+	11	0	0
1 W	3.4	- 7.1	43	1	-30	18	1912	0	31	.15	- .39	.07	6	2.5	3	28+	3	0	0
ALE	8.3	- 8.0	45	1+	-25	18	1755	0	31	1.55	1.09	.80	6	14.5	9	19+	9	1	0
W8 AIRPORT //	7.1	- 4.4	42	2+	-26	23	1799	0	30	2.19	1.47	.52	31	20.3	15	31	14	1	0
	7.6	- 7.7	46	2	-25	16+	1779	0	31	1.25	.69	.35	6	12.5	12	31	6	0	0
TON	8.4	- 6.8	46	2	-26	18	1754	0	31	1.85	1.08	.75	6	17.5	11	20+	8	1	0
	6.5M	- 8.0	51	2	-32	18	1815M	0	31	1.23	.78	.82	6	10.8			7	1	0
N STATE 5CHOOL	5.9	- 4.8	47	1	-30	23	1836	0	31	.53	.00	.22	21	6.2	5	28+	6	0	0
FORKS CAA AP	5.3	- 5.7	38	2	-29	23	1853	0	31	1.56	.94	.61	6	13.7	9	31	14	1	0
FORK5 UNIV	5.8	- 5.2	38	5	-29	23	1837	0	30	1.16	.54	.63	7	8.9	9	31	10	1	0
RAPIOS 1 N	7.4		46	1	-28	18	1787	0	31	1.34		.40	6	13.9			6	0	0
SON R R 5TA	8.4	- 9.3	45	3	-22	23+		0	30	1.97	1.45	.90	7				7	2	0
	2.6	- 5.0	43	1	-32	18	1936	0	31	.27	- .32	.09	6	2.8	2	10+	7	0	0
ORO	6.1	- 5.9	39	1	-28	23	1827	0	31	1.29	.65	.75	7	13.4			6	1	0
OWN CAA AP	6.4	- 7.5	45	1	-27	18	1816	0	31	1.63	.98	.68	6	9.9	7	31	14	1	0
OWN 5TATE HO5P	7.5	- 6.4	44	1	-25	18	1783	0	31	.87	.22	.40	6				7	0	0
WILOLIFE REF	6.0M		47	2	-30	18	1833M	0	31	.66		.32	6	8.0	5	20+	7	0	0
N EXP FARM	2.4	- 6.4	43	1	-32	18	1944	0	31	.42	- .21	.12	7	3.9			9	0	0
RE	7.5M	- 4.0	41	1	-29	23	1778M	0	31										
	6.8M	- 8.0	53	1	-31	23		0											
LE	6.9	- 6.4	40	1	-27	23	1800	0	31	1.14	.62	.31	7	14.8	9	21+	9	0	0
RY 5 N	4.5	- 6.3	42	1	-29	18	1876	0	31	.29	- .20	.10	3	2.6	3	31	7	0	0
D 3 E	6.0	- 9.1	45	2	-31	24	1829	0	31										
4 5W	1.8		41	1	-31	18	1961	0	31	.27		.10	6	4.4	3	28	9	0	0
	7.1M	- 9.1	48	2	-27	16		0	30	1.30	.80	.55	7		11	21+	11	1	0

See reference notes following Station Index.

Table 2—Continued

CLIMATOLOGICAL DATA

Station	Temperature									Precipitation								
								No. of days						Snow, Sleet, Hail			No. of days	
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more
PARK RIVER	6.8	- 4.3	40	1	-24	23	1799	0	31	.20	- .31	.05	21		1	12+	7	0
PEMBINA 2 N	5.9	- 1.1	38	5+	-29	18	1829	0	30	.12	- .50	.04	3				5	0
PETERSBURG	5.3		41	1	-27	18+	1849	0	31	.46	- .02	.18	3	5.8	3	12+	8	0
SHARON	5.1	- 7.1	42	1	-26	23	1857	0	31	1.05	.57	.35	7	8.0	8	31	9	0
VALLEY CITY	7.6	- 6.9	43	1	-26	23	1778	0	29	1.24	.66	.45	6				8	0
WAHPETON STATE SCHOOL	9.3	- 6.5	44	3	-26	23	1726	0	31	1.37	.87	.36	19		8	20+	12	0
DIVISION	6.2	- 6.5								.97	.43			9.6				
MIDDLE DIVISION																		
ASHLEY	7.1	- 7.7	47	1+	-33	18	1795	0	31	.73	.23	.25	19		7	31	10	0
BELCOURT INDIAN RES	2.0		45	2	-38	18	1954	0	31	.24		.14	6	2.2	3	1+	5	0
BISBEE	3.5	- 6.2	40	1	-27	18	1906	0	31						1	6+		
BISMARCK WB CITY	8.0	- 7.7	50	1	-34	18		0	31	.75	.27	.10	12	9.0	8	31	12	0
BISMARCK WB AIRPORT	5.9	- 6.9	48	1	-36	18	1832	0	31	.91	.34	.20	31	11.4	10	31	13	0
BOTTINEAU	2.8	- 5.5	46	3	-30	18		0	31	.16	- .31	.07	12	2.3	2	28+	5	0
BUTTE	6.2	- 8.6	49	1	-30	18	1823	0	31	.65	.16	.32	6				7	0
CARSON 2 SW	7.9	- 8.7	50	1+	-28	16+	1768	0	31	1.23	.75	.40	7	12.0	12	31	6	0
CENTER	6.6	- 9.8	47	1	-30	21	1810	0	31	1.22	.78	.30	6+	9.0	8	31	7	0
DRAKE	5.8	- 9.6	47	2	-27	18		0	31									
ECKMAN	3.9	- 6.4	48	2	-28	18+		0	31	.39	- .08	.20	7	3.5			4	0
FESSENDEN	5.6M	- 6.2	44	1	-30	18	1854	0	31									
FORT YATES	8.1	-11.1	51	1	-31	18	1765	0	31	.90	.52	.40	6	10.0			6	0
FOXHOLM WILDLIFE REFU	6.7M	- 7.5	49	1	-32	18	1814M	0	31									
GARRISON	5.5	- 8.9	46	2	-28	18	1845	0	31	.54	.06	.16	6		5	19+	10	0
GRANVILLE	5.9	- 7.1	51	1	-31	18	1833	0	31	.21	- .25	.09	19	4.0	4	19+	3	0
HANSBORO	3.2M	- 6.0			-30	18	1915M	0							2	11+		
LEEDS	4.3M		45	1	-29	18	1872M	0	31	.52		.23	6	5.6			6	0
LINTON	7.8	- 7.5	53	1	-32	18	1772	0	31	1.50	1.11	.51	6	14.0	13	31	10	1
MADDOCK AGR SCHOOL	4.9	- 6.5	42	1	-30	18	1864	0	31	.47	.04	.13	6				8	0
MANDAN EXP STATION	6.5	- 8.6	48	1	-32	18		0	31	.72	.27	.16	7	8.1	6	20+	14	0
MANDAN FT LINCOLN PARK	8.2		49	1	-33	18	1760	0	31	.95		.21	6	11.0	7	20+	9	0
MAX	6.4	- 8.0	44	2	-26	18		0	31									
MC CLUSKY	6.1	- 7.6	49	1	-28	18	1821	0	31	.91	.39	.51	7	5.0	4	19+	8	1
MINOT CAA AP //	5.6	- 7.5	46	1	-28	18	1842	0	30	.58	.12	.25	6	5.9	4	7+	11	0
MINOT EXP FARM	5.9		46	1+	-29	18	1831	0	31	.36		.12	6	5.3	4	17+	7	0
MOHALL	4.7	- 7.0	46	1	-28	18	1871	0	31	.41	- .01	.16	7	4.8	5	19+	6	0
NAPOLEON 1 SE	6.1	- 7.3	53	1	-37	18	1826	0	31	.85	.40	.25	29	7.9	6	29+	11	0
NEW SALEM 1 S	5.9M	-10.3	50	1	-27	21	1852M	0	31	.97	.46	.20	6+	9.4			8	0
PETTIBONE	6.8M	- 4.9	50	1	-29	18	1804M	0	31	.54	.10	.13	28	9.8	6	31	10	0
RIVEROALE	6.8		45	1	-30	18	1805	0	31	.57		.20	6		6	31	9	0
ROLLA	3.4	- 6.8	44	2	-28	17+	1913	0	31						4	7+		
RUGBY	5.3		45	1	-27	18	1849	0	31	.43	- .04	.18	6				12	0
SAN HAVEN	4.6		46	2	-29	18	1873	0	31	.22		.07	6+	1.4	2	11+	7	0
STEELE	6.7	- 6.5	53	1	-32	18	1807	0	31	1.47	.98	.35	19	14.7	15	31	9	0
TOWNER	4.5	- 6.7	47	1	-28	18	1873	0	31	.67	.18	.38	5	11.9			6	0
UPHAM 3 N	4.9		46	1	-27	21+	1867	0	31	.36		.15	6	5.4	5	30+	5	0
VELVA	6.9	- 8.1	48	1	-32	18	1803	0	31	.60	.13	.31	6	5.5	5	17+	5	0
WASHBURN	6.8M	- 8.7	46	2	-34	18	1815	0	31	.65	.22	.20	6				9	0
WESTHOPE	3.5	- 6.7	44	2	-26	18+	1909	0	31	.24	- .18	.11	6	3.5	4	30	4	0
WILLOW CITY	3.6	- 5.6	45	1	-31	17+	1909	0	31	.30	- .30	.18	6	2.5	2	11+	3	0
WILTON R R STATION	6.4M	- 8.4	45	1+	-28	18		0	31	.67	.22	.24	7	7.0	6	28+	8	0
WISHEK	6.5M	- 8.4			-37	17		0	31	.74	.31	.28	7	10.5			16	0
DIVISION	5.7	- 7.6								.66	.21			7.3				
WESTERN DIVISION																		
ALMONT 7 SW	8.7		48	1+	-24	16	1740	0	31	.76		.17	28		7	31	11	0
AMIOON	10.0M	- 9.1	55	2	-29	15		0	31	1.08	.69				9	23+	12	0
BEACH	9.4	- 9.0	53	2	-28	21		0	31	.89	.42	.36	12	10.8	6	12+	11	0
BELFIELD	7.4M	-12.4	55	1	-35	21	1792M	0	31						8	28+		
BOWBELLS	4.0M	- 8.9	45	2	-26	18		0	31	.20	- .18	.18	7	2.2	2	7+	2	0
BOWBELLS 5 E	4.4M		42	3	-27	21		0	31	.10		.06	7	1.3			2	0
BOWMAN COURT HOUSE //	9.6	- 8.0	53	1	-29	20	1714	0	31	.84	.49	.20	11		9	22+	9	0
CROSBY	5.2	- 7.7	44	1	-27	16+	1854	0	31	.16	- .34	.04	3+	2.7	2	19+	5	0
DICKINSON CAA AP	7.3	- 9.5	52	1	-28	16+	1787	0	31	.51	.05	.13	12	5.0	4	19+	9	0
DICKINSON EXP STA	8.4M	- 8.4	53	2	-33	21+		0	31	.54	.08	.18	12	4.8	4	19+	6	0
DUNN CENTER	5.5	-12.5	47	2	-36	22		0	31	.66	..25	.32	7	8.4	6	19+	7	0
ELBOWOODS	2.0M	-13.9			-36	16	1959M	0	31						5	28+		
EPPING	5.2	-10.0	46	1	-30	16	1855	0	31									
GRENORA	4.5M	- 7.8	49	2	-32	21	1866	0	31	.35	- .17	.20	11	3.5	3	11+	2	0
HETTINGER	10.3	- 8.0	56	1	-28	21	1692	0	31	.69	.32	.16	11+	8.0	5	13+	8	0
KENMARE	5.6	- 8.6	44	2	-27	18+		0	31	.38	- .05	.20	7				6	0
MARMARTH	8.6	- 9.9	50	1	-35	21	1745	0	31	1.07	.67	.32	11				8	0
MEDORA 4 NNE	8.1		53	1	-38	21	1764	0	31	.51		.18	12	7.7	6	12+	8	0
MOTT	7.3	- 8.5	54	1	-36	16+	1785	0	31	1.05	..57	.25	7	10.6	8	20+	10	0
NEW ENGLAND	8.3	- 9.1	55	1	-34	21	1756	0	31	.78	.38	.23	11	8.3			9	0
PARSHALL	5.0M	- 9.5	44	1	-33	18+	1855M	0	31	.38	- .03	.10	7	6.0	6	28+	7	0
PORTAL	4.7M	- 7.9	41	2	-24	15+		0	31	.26	- .19	.11	7		1	7+	4	0
POWERS LAKE 1 N	2.7	-13.1	44	1	-30	17	1930	0	31	.27	- .27	.12	6	5.0	4	12	3	0
RICHARDTON ABBEY	8.9	- 7.3	48	1	-26	16	1737	0	31	.78	.36	.15	6	9.9	7	20+	11	0
SANISH	4.5	- 9.0	43	3	-35	22		0	31	.55	.10	.12	12				13	0
STANLEY	4.2		42	1+	-28	18+	1884	0	31	.42	- .03	.10	19				8	0
VAN HOOK	6.0M		43	1	-32	21	1831M	0	31	.18		.05	11+	6.4	6	28+	5	0
WATFORD CITY	6.4	- 8.9	51	1	-33	21	1817	0	31	.47	- .06	.13	12				5	0
WILLISTON WB CITY	5.8	- 8.0	49	1	-28	21	1833	0	30	.55	- .03	.11	17	8.2	6	19+	10	0
DIVISION	6.5	- 9.6								.56	.11			6.4				
STATE	6.1	- 7.9								.73	.25			7.8				

See reference notes following Station Index.

DAILY PRECIPITATION

NORTH DAK...
ECEMBER 19...

Station		Total	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
7 S		.41					.06	T	.07	T	.10	.08	T								T										.06	.06
DER		.79			.03							T	.16	.21					.12			.10							T		T	.02
7 SW		.76			.03			.18	.08			T	.07	.07					.03	T	.06	.07							.17	.03	T	.05
E		.37			.02				T			T	.30						T			.05		T			T				T	
		1.15			.05	.05		.45	.12												.13	.05								.16		.10
		1.06			.05			T	.10			T	*	.35	.10	.15			T	T	.10	.05		.05	.05		T		T	.03	T	.05
	R	-		.05	.03			.08	.03		.01	.01	.24	.16	.05				-	-	-	-	-	-								.05
	R	.32				.01		.68	.04				.07								.06						.05			.03		.02	
A STATE PARK		.53						.13	.11			.02		.04							.05		.09									.05
		.73			.09			.16	*	.08				.02					.03		.25	.02							.03			.04
		-	-	-	-	-	-	-	.16	-	-	-	-	-	-	-	-	-	.46	-	-	-	-	-	-	-	-	-		.04			
		.89			.05			.14	.14	T		.05	.02	.36	.07	.02			T	T	T	.07		.03	.03				.20	-	-	-	
	R	.92		.04	.01			.11	.03		.05	.01	.33	.06	.01						.03	.05		.09							T	.05
RT INDIAN RES		.24				T	T	.14	.03			.03	.02																		.05	.05
RT INDIAN RES	R	-						.18	.02			.04	.02				-	-	-	-	-	-	-			T	T		.02		T	
LO		-			.05				.20		T	T	.20	.10		.10				T	.10	T	T	T					.02			
LO		.56			.02			.12	.20				.01						.06		.04								.10			-
		.76			T			.07	.27				.05	.08					.06		.14	.03							.02		.01	
	R	.93						.29	.16				.07	.09					.00	.05	.15	.01									T	.04
		-						.14	-			-	-								T										.05
CK WR CITY		.75			T	T		.03	.06	.05	T	T		.10	T				.05	.07	.09	.07	.03		T		T		.06		T	T
CK WR AIRPORT	R	.91			.03			.18	.06	T		T	.06	.03	T	T			.07	.03	.03	.06		T	T	T	T		.07	.07	T	.00
EAU		.16				T		T	.03	T		.03	T	.07							T	T						.07		.04	.20
LS		.20							.16	T		T	T	T	.02				T	T								.02			.01
LS 5 E		.10			.04				.06	T			T	T	T															T		
COURT HOUSE		.64			T	T		T	.05			T	.20	.11	.20	T					.07	.02	.02	.10					T	T		
11 SE		.79			T			T	.02			T	.25	.06	.13	.08					.05			.10					T			.07
	R	-			.04			.48	.06				.04	.03			-	-	-	-	-	-	-							T	.02		.06
AN	R	1.19			.11			.60	.02													.17							.25	.05		.10
16 N		.44				T		.01	.04	.05		T	T	T	.14				.10	.09	T					T			.07			.03
		.65						.32	.05										T		.08											.12
	R	-					.02	.14	.01	-	-	-	-	-	-	-	-	-	.11	.04	.08								.03			.02
STON		1.07				.02		T	.37	.05		.02	.03		T	T		-	-	.30	.08	-	-	-			.03		.02		.02	
	R	.77			.04			.25	.03					.11						*	.13		.20			T			T	T		T
2 S W		1.23			.06			.30	.40					.25					.05										.15			.06
		1.22			.07			.30	.30			T	.05	T					.25	T	T											.17
		-			.02	.01		.22	.13	-	-	-	-	-				T			-	.06				T			.10		T	.15
OS		.26			.02				.15					.02					.02					.03			T			.03		.12
STOWN		.82			T			.36	.13			T							T		T	T									.02	
AY		.80			.19	T	T	.20											T		.15	.13		T				T				.33
	R	.16			.04			T	.04			T	.02	T	T				T	T	.04		T					T				.13
LAKE W R CITY	R	.18			.04			.05											.04		.05							T		.02		
ON CAA	R	.25			T		T	.10	.01	.01	T	.01	T	T		T			T	T	.04	.02	T	T	T	T	.01	T	.01	T	.02	.01	
ON EXP STA		.51			.02			.10	.03		T	T	.06	.13	T	T			T	.03	.07	.01		T			T		T		T	.01
OOK		.54			.02				.16			T	T	.18	T	T			T	T	.08	.05							T	T		.06
		-			.02	T			.29	T				-					T	T	-			.04	T		T					.05
		-			T				.22	T										-			T								
NTER		.66			T	T			.32	T		T	.01	.15	.02				T	.04	.06	.06							T		T	.31
		.39							.20				T	.09								.05	T						T	T		T
EXP FARM		.85			.07	T	.03	.05	.35	T			.04						T	.05		.10	.08						T			.05
1 W		.15						.07	T	T		T	T			T					.05		T		T		T		T	.04	.03	.01
OS		-						.08	.08				.09	T					-	-	-								.03	T	T	T
S		.76			T			.04	T			T	.10	.04	.04	T			.04	T	T	T							.01			.02
LE		1.55			T		.01	.80	.20	.02			T	T		T			.08	T	.32	.03		T		T	T		T	.50	T	T
	R	-					-						.05	.07	T		.03		-	.13	-	-							-			.07
		-						.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LD 8 N		.41			T				.10				*	.21					T		.10	T										
8 AIRPORT	R//	2.19		T	.43	T	.01	.27	.09	T	T	.02	.04	T					.01	T	.12	.11	.03	T			T		.37	.12	.05	.52
EN		-				T		-	.04					.06					.03				.07				T		.01			
		.89				.02			.25					.09	.01				.02	.02		.06				.03			T	.22			
		.23			.02			.05	.09				T	.01		T			T	T								T		T			
13 NW		-					.07	.09	.08						T	T			.02	.03	-	-	T	T				T			.06		
		1.25			.10			.35	.20			T	T						T		.30	.08	T		.02		T	T	.01				.03
TES		.90			T			.40	.10	T	T		.10	.10	T				T	T	T	.10	T				T		T				.22
TES	R	-			.02			.33	.03				-	-	-	-	-	-	-	-	T	T				T					T		.10
WILDLIFE REFUGE		-						.07	.20				.10	T				-	-	-	-	-								.06			.04
	R	-		.01	.03			.12	.02		.31	.05	-	-	-	-	-		.02		T	.02					T				.01	-	
ON		1.05		T		T	T	.75	.22	.02			T	T					.01		.38	.17		.02							.02	.05	
		1.23			.02			.82	.01			T	T						.10	.15	.13	T							.03	T			.16
N		.54			T			.16	.07		T	T	.03	.02					.09	.03	.08	.01								T			T
LLIN 15 N		.65						.22	.17			T	.02	.08					.03	.02	.07						.04				T	.01	T
ITY	R	.59						.20	.01	.03			.04						.05		.08	.06							.04		T		T
STATE SCHOOL		.53		T	.02		T	T	T	T	T	.05	T	.10							T		.22			T			.07		T		.09
ORKS CAA		1.56		T	.03		T	.61	.02	T	.01	.03	.05	T		T				T	.13	.22	.12	T		.04		.03	.01	T	.09	.07	.07
ORKS UNIV		1.16			T	.01	T	T	.63		T	.01	.03	T					T		.13	.05	.03	T				T	.04		.10	.17	.13
APIOS 1 N		1.34		T	T		T	.40	.22			T	T						.11		.26	.07	T					T				.28
E		.21						.08	.04			T	T	T					T	T	.09	T						T	T		T		
BUTTE 10N	R	1.28						*	.48			T		.30						.25	.12										.84	.06	
	R	-						.15					.20																				
		-						.05			.01	.01	.20	.08	.15		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		.12	-	-	-							T			.08
		-		.03				.04	.17				.07	.13					.05	.03	.06	.02					.09					.04
W R R STA		1.97				.00		.90						.02							.14	.17	.12									.02
		.27			T		.04	.09	.02	T	T	.03	.04	T									T				T	T	T	.03		.02	
		-					.02	.02	.01			T	.03						-	-	-	-							T	T		T	
NE		.29						.13	T			.03	.03						.03	.03													
NE	R	-						.17	.08		.02		.14	.10	.01	.06	-	-	-	.03	.05										T	T	.04
R		.69						.06	.08				.10	.11	.16						-	-	-	-	-	-	-	-	-	-	-	-	-
R 17 N	R	-						.08	.04			.03	.16	.12	.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.04
0		1.29	T	T	.15			T	.75	T		T	T	T					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N CAA		1.63			.20		T	.68	.08	.01		.01	.01	T		T					.09	.16	T				T		T	.03	T	.11	
N STATE HOSP		.07	T		.12		T	.40	.04			T	T	T					.07	.01	.17	.12		.01			T		.08	.01	T	.17	
		.38		T		.02			.20	.03									.00		.01	T	T	T					T	.21	T	.03	
	R	.31						.11	.07					.01						.02	.10												
TILDLIFE REF		.60			.04			.32	.03				T						.05	.04	.04												
0 NW		.79			.03			.08	.16			.11	T	.31					.03		-	.18										.06	
		-						.18	.04				.01						.07	.03	T											T	
EXP FARM		.42				T		.03	.12	.02		.07	T	.05					-	.01	.19	.08							.01				
		.49						.22	.09				T	.02	T	.02			.01	.06	.03		T			.05			.03		.03	.02	
		-		T		.04		.10	.23		T	-	-	-	-	-	-	-	-	-	-	-						T			.04		
E		.52				T		.23	.09			.02	.05								.06				T				-	-	-	.03	
		.58				T		.81	.14			T	.14	.02	T				T	.01	.14			T		T		T	.07	T		T	
		1.50		T				.51	.16	.04		T	.04	.04					.03	T	.35	T							T	T			.12
		-							.65												.16	-							.02	.08			.23
LE		1.31			.01		T	.38	.35	T			T	T					.04	.03	.15	.03	.03						T	.28			.10
AGR SCHOOL		.47			T			.13	.08	T		.04	.02						.05		.07	T				T			.05			.01
XP STATION		.72			T	.01		.12	.16	.03		T	T	.06	.01				.02	.08	.04	.03	.01			T			.06	.07			.02
T LINCOLN PARK		.95			T			.21	.14			T	.06	T	T				.10	T	.11	.10		T					.03		.12	.08	
	R	-						.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.07			T				.13				.32	.03	.17				T		.14			.17									
M O U CO	R	1.08		.01	.01			.07	.01		.03	.02	.35	.03	.14	.02					.15			.12	.01				T	.01	T	.10	
		.36			T				T	T		T	T			T	T		T		T	.01					T		.06	.02	.01	.02	
		-			T	.03			.06	.07	.02								-	-	-	-							.05				
		1.14	T	T	.02	T	T	.08	.31			.03	.05						T		.13	.17	.12				T		T		T		.04
		.91			T			T	.51			.02	.05						.10		.11	.02										.23	
		.29			.10			.06	T			T		.03					.02		.03	T							.03			.07	
		-				.36	.05	.17	.05				-						.07		.16	.12							.01			.04	
		.37		T		.04	.06					T	T	.10								.03	.06							.09	.14	.17	
W		-						.37	.10										-	.10	T	-							.03				.05
	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								.15		.19
NNE		.51						.01	.03			.02	.17	.18	T				T	T	.04			.02						-			.04
N		.59			.01			T	.07	T		.02	.14	.19	T				.02		.02	.07		T									.04
	R	.43						.25											.05		.02								T		T		.05
		.58			T			.25	.08	T		.01	.01	.02		T			.07	T	.05	.02		T			T					.05	
FARM		.36			T			.12	.09			T	.01	.01	T				.07		.04	T		T				.01	T		.05	.01	
SE		.04			T			.18	.08	.06		T	.02	.01					.83		.02	.05							.02		T		
ER		.41			T			.14	.16			T	.01			T			T		.04								.04	.20		.15	
		1.60			.16		T	.43	.00			.01	T						.02		.20	.02		.01			T		.02		.04		
		1.05						.10	.25				.15	.23	.04				.02		T	.00		.02					T	.34		.15	
SW		.27		.01	.03	.01		.10	.01	T		.04	.04						.01	T	T		T			T			.05	T	T	.14	
1 SE		.85		T				.21	.07			.06	.02	.02							T								.02		.01	T	
1 SE	R	.61						.18	.05			.07	.02						.03		.05	.03							.05	.25		.03	
NO		.78						T	.11	T		.09	.23	.09	.06	T			.05	.01	.02	.03					.97		.22	.08		.03	
ORO 7 WNW		.26				.01		.22	T			T	T	T					.03		T		.08							.01		.07	
1 S		.97			.03			.28	.20			T							.07		T				T				T		T	T	
		.2			.03				.05					.02							.07	.05							.15			.20	
		.23						.13	.04					.03							.04								T		.15		
LE		-			.14			.48	.05												.03												
R		1.30		T		T		.02	.55	.05	.05			.12	.04				-	.02	.20	.15	.00										
		.20	T		.03		.02	.02	T		T	T		.03	T					.08	.21	.16	.00							.06	T		T
																					T		.05						.03		.02	T

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station		Total	Day of month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
PARSHALL		.38			T			.05	.10			T	.00	.04					.04		.02	T							.07		T
PEMBINA 2 N		.12			.04		T	T	T		T	.00	.02									.02						T			
PETERSBURG		.46		.02	.10			T	T			.00	T	.00							.05	T	.02						.03		
PETTIBONE		.54			.01			.11	.09			.01	T						.03	.05	.05	.01							.13		
PETTIBONE	R	.51						.19											.00	.00									.02	.11		
PINGREE		.80			T		T	.20	T			T	T						T		.20	T		T						T	T
PORTAL		.24			T				.11	T			T	T	.03				T		.10	T						T			.0
POWERS LAKE 1 N		.27			T			.12					.05	.10				T			T										T
PRETTY ROCK		.84			.05		.04	.11	.10			T	0	.07	T		T	T	.04	T	T	.00		.03					.05	.20	
REEDER		-						-	.10			.07	.10	.19								.07		.04							
REEDER 14 N		.49							T					.25	T	.10				T	.04	.03			.03				T		
RICHARDTON ABBEY		.78			.01			.15	.10			.02	.07	.12	T	T			.01	T	.00	.00		T					.03		T
RICHARDTON ABBEY	R	1.07						.44	.11			.03	.05	.12							.10	.05							.03		
RIVERDALE		.57			.02	T		.20	.05	T		T	T	.02					.09		.04	.02				T			.03		T
ROLLA		-			T		T	.21	.05	T		.04	.01								T			T				.02			-
RUGBY		.43			.02		.01	.10	.02	.02		.03	.04	.01					.01		.05	.01									.0
RYDER		-			.04			*	.15							.00			-		T							T	.05		.0
RYDER	R	-			.02			.08	.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAN HAVEN		.22					T	.07	.04	.01		.01	.07	.01							.01						T				
SANISH		.55			.01	.04			.05	.01				.12	.04			.01	.05	.01	.00	.00	T	T					.00		
SCRANTON		.81						.00			.02		.03	.00	.12	.02			T	T	.05			.15	T		T		.02		T
SELFRIDGE 11 W		1.05						.82	.20				.10	.35	.20							.10				T					
SENTINEL BUTTE 20 S		.91		T				.05	T		T	T	.10	.18	.11					T	.10	.00	.14						T	.04	T
SHARON		1.05		T		T	.01	.25	.39			.02	.02								.10	.05				T			T		.0
SHERWOOD 3 N		.18			.01			.05	.00				.04			.01												.02	.01		.0
SHIELDS		.05			T			.33	.11				.12		T	T				T	.00					T				.13	
STANLEY		.42			.08			.07		.0		T	.04	.04					.03		.10							.05			T
STANLEY	R	.30			.04		.02	.04					.05	.03					.03	.03	.07							.05			
STEELE		1.47			T			.30	.25	.10		T	T	T					.20	.05	.35	.10	T						T	.12	T
SYKESTON		.31				T	T	.19	T				T						T	.10											T
TAGUS		.44			.05			.18	.10					.05						T	.03									.08	.0
TIOGA		-							T				-	.03					-	-	-	m							.04		
TOLLEY 4 NE		-			T			.15	.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOWNER		.07		T			.38	.15	.00												.04											.0
TROTTERS 6 WNW		.53			.03				.10	T		T	.10	.01	T	T			.04	.10	.05	T							.01			.0
TURTLE LAKE		-			.01				.10		-	-	-	-	-	-	-	-	-		-	-	-	-	-	-		-	-	-	-	-
TUTTLE		-			-			.31	.00	.01		.01	.04						.04		.00	.03				T			.02	.12	
UPHAM 3 N		.36						.19	.10				.00								.01			T				T			.0
VALLEY CITY		1.24						.45	.02			T	.01						.05		.14	.13							.20		
VAN HOOK		.10			T			T	.02			T	.05	.04					.05	T	T	T			T				.02		T
VELVA		.00			T			.31	.00			T							.14	T	.04	T	T			T			.05		T
VERONA		-			.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.20							.10		
WAHPETON STATE SCHOOL		1.37			.33	.04		.22	.14	.02		.01	T						.08		.36	.07							.02	.01	
WALHALLA		.20				T	T	.11		T			.02	T						T	T					.15			T		T
WASHBURN		.05			T			.19	.00				.03	.02					.10		.13	.04							.03		
WASHBURN WATER WKS	R	.73						.30	.03				.05	.02						.14	.00	.04							.05		
WATAUGA 0 N 5 OAK		.30					T	.15	T				.12	.05	T				T	T											
WATFORD CITY		.47							.11					.13					.08		.11								.08		
WATFORD CITY 11 E	R	.03		.01	.03			.17	.11		.02	.05	.07	.10					.05	.04	.01	.04						.0	.02		
WESTHOPE		.24						.11	T			T	.07	T							.03							T			
WILDROSE		.41			.00			*	.09					.07					.03					.00	.04			.02			
WILLISTON WB CITY	R//	.55		T	T			.10	.02		T	T	.05	.00	T	T		T	.11	.04	.07	.02		T	T	T		T	.05			T
WILLOW CITY		.30			T		T	.18	.05	T		T	.07								T	T						T			T
WILTON RR STATION		.07				T		T	.24	.00		T	.04	.03	T					.00	.10	T	.01						.08		
WISHEK		.74			.05	.01		.02	.28	.00	T	.01	.01						.05	.00	.03	.01				.04	.03		.01	.02	
ZAHL		.23			.01		T	T	.01	T	T	T	.03	.07	T				.01	T	.08							T	T	.04	T

See reference notes following Station Index.

DAILY TEMPERATURES

NORTH DAKOTA
DECEMBER 1951

Station		Day Of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
T 7Sw	MAX	48	48	35	3-	34	32	31	21	22	32	30	30	9	3	-8	-5	4	-10	-7	-9	8	7	6	10	13	14	6	31	37	16	3	16.9
	MIN	27	31	30	15	19	28	15	10	5	19	-2	7	2	-14	-18	-24	-14	-23	-14	-18	-24	-7	-18	-14	4	-4	-5	-2	14	2	-11	0.5
A	MAX	38	39	40	37	36	35	35	29	17	31	28	13	4	0	-6	-2	-2	-2	-1	-2	2	5	-5	0	16	7	3	11	23	30	30	15.8
	MIN	20	32	33	27	26	32	26	13	-6	0	-5	-10	-14	-9	-19	-16	-16	-23	-17	-12	-6	-21	-24	-16	-8	-4	-15	2	2	-1	-5	1.1
N	MAX	47	55	43	31	37	41	27	19	24	31		34	34	9	-6	-8	9	8	0	-11	-10	16	14		18	19	15	27	38	36	10	20.9
	MIN	30	31	22	11	18	18	12	4	2	10		19	7	-11	-29	-23	-15	-22	-14	-23	-26	-12	-11	-12	-4	-5	-10	-1	12	7	-13	0.9
LA STATE PARK	MAX	41	40	38	36	37	37	32	27	18	30	23	16	5	-2	-7	-1	-4	-4	-5	-6	2	4	5	9	17	12	0	10	21	26	16	15.3
	MIN	12	31	32	29	27	31	24	16	-6	2	-4	-11	-15	-14	-18	-16	-19	-26	-17	-16	-7	-9	-29	-14	-9	-8	-15	-3	2	-8	-9	2.2
Y	MAX	47	47	39	35	35	35	31	19	18	34	31	22	7	3	-8	-3	0	-9	-5	-7	-7	7	7	11	11	9	6	19	28	28	15	16.3
	MIN	15	24	29	22	24	30	17	8	-1	4	-7	0	-13	-10	-20	-26	-21	-33	-14	-13	-20	-19	-14	-15	0	-6	-14	-7	11	8	-8	2.2
	MAX	43	53	41	32	40	41	37	19	24	32	33	35	33	14	-4	-5	9	10	-1	-8	-6	15	16	13	14	13	14	11	37	27	7	20.6
	MIN	25	28	26	13	22	20	15	5	5	6	8	21	12	-8	-27	-27	-16	-22	-16	-24	-28	-26	-14	-15	-19	-11	-9	0	3	6	-12	1.9
URT INDIAN RES	MAX	39	45	36	33	33	32	30	19	6	30	17	12	9	-3	-9	0	-7	-17	-14	-8	0	3	-8	8	16	14	-1	3	20	12	2	11.5
	MIN	17	23	27	20	26	29	18	-2	-17	-4	-10	-17	-20	-16	-25	-27	-28	-38	-20	-20	-19	-20	-33	-17	-8	-9	-14	-13	0	-2	-14	7.5
ELD	MAX	55	44	33	27	39	36	27	26	27	33	28	28	16	2	-8	2	6	-2	-7	-8	8	10	2	15	12	13	14	35	34	18	9	18.5
	MIN	27	28	24	9	17	16	10	4	3	9		10	-2	-17	-27	-33	-15	-26	-16	-28	-35	-5	-14	-18	-5	-12	-4	0	7	-6	-14	3.8
E	MAX	40	34	34	32	32	33	32	24	8	29	21	15	2	-3	-10	-5	-4	-12	-12	-7	-2	1	-3	8	13	5	-2	7	17	12	3	11.0
	MIN	21	23	27	22	25	31	23	6	-3	5	-7	-13	-17	-15	-22	-22	-22	-27	-22	-21	-15	-17	-26	-12	-8	-12	-12	-9	2	1	-10	4.1
RCK WB CITY	MAX	50	49	47	37	32	40	34	23	20	33	34	27	10	6	-2	-6	-4	4	-7	-4	-7	-8	4	4	9	17	10	10	36	24	20	17.5
	MIN	24	28	30	24	25	29	21	12	5	13	-2	3	0	-8	-19	-23	-20	-34	-28	-15	-27	-23	-20	-15	-14	-6	-15	-6	5	10	-4	1.6
RCK WB AIRPORT	MAX	48	47	38	32	40	35	32	20	27	33	28	20	5	4	-6	-4	1	-8	-6	-7	-8	5	4	1	15	10	5	34	33	22	1	16.2
	MIN	20	23	27	23	25	31	16	2	0	9	-3	-3	1	-16	-20	-25	-24	-36	-14	-26	-30	-22	-26	-21	-1	-17	-18	-6	5	1	-11	4.4
NEAU	MAX	36	42	46	37	34	33	34	25	18	25	30	16	-2	2	-6	-9	-2	0	-10	-10	-3	0	2	-6	8	9	6	1	9	16	13	12.7
	MIN	22	24	28	25	24	27	24	4	-10	-4	-11	-9	-20	-20	-26	-27	-27	-30	-27	-20	-20	-20	-28	-27	-16	-10	-12	-18	-17	8	-10	7.2
LLS	MAX	36	45	42	35	36	32	32	20	27	29	20	30	11	6	-10	-9	-1	-8	-8	-13	-6	-6	2	-1	11	14	2	3		18	20	13.6
	MIN	24	32	30	20	19	22	18	-6	-6	10	-5	3	-12	-18	-21	-24	-21	-26	-25	-23	-24	-24	-22	-23	-11	-13	-15	-11			-14	5.7
LLS 5E	MAX	35	38	42	30	34	31	31	17	21	28	19	36	12		-7	-5	1	-4	-10	-13	-5	-1	-1	10	14	12	0	1	23	16	9	13.8
	MIN	25	30	30	11	19	21	16	-5	-6	5	12	2	-15	-19	-22	-26	-23	-29	-20	-22	-27	-18	-24	-6	-5	-14	-16	-13	-3	7	-19	5.0
N COURT HOUSE	MAX	53	45	37	36	40	32	26	25	26	32	35	33	26	5	-4	-1	11	4	-7	-11	9	16	15	10	14	17	12	34	36	21	-3	20.1
	MIN	26	27	20	15	16	14	13	4	2	17	10	19	3	-16	-27	-21	-13	-20	-16	-29	-28	-3	-10	-12	-3	-7	-6	4	10	-5	-13	0.9
	MAX	49	43	37	34	38	36	31	21	20	31	24	26	6	2	-11	-5	-4	-5	-10	-10	-3	4	3	9	24	10	0	15	30	18	5	15.1
	MIN	21	19	28	24	24	30	15	6	0	14	-7	-4	-9	-15	-21	-21	-18	-30	-16	-22	-21	-16	-23	-6	-2	-3	-16	-6	-4	2	-11	2.8
IGTON	MAX	47	43	45	34	34	39	34	29	14	28	25	4	2	2	-5	-5	-3	-2	-13	-6	-7	1	-1	4	16	16	1	7	33	18	22	14.7
	MIN	20	19	24	24	22	29	27	9	-3	-5	-9	-16	-15	-15	-21	-22	-22	-30	-30	-20	-21	-22	-20	-21	-6	-7	-15	-14	4	2	-6	5.2
I 2 S W	MAX	50	50	38	34	32	33	30	28	25	33	30	28	10	3	-10	0	2	-8	-8	-5	-5	6	5	13	13	18	6	24	36	18	7	17.3
	MIN	25	32	26	13	17	23	15	8	0	10	-5	12	1	-14	-18	-28	-18	-28	-13	-17	-28	-20	-20	-8	-3	-9	-7	-4	15	5	-11	1.6
	MAX	47	44	34	35	35	34	32	28	27	32	30	27	7	0	-7	-2	-6	-6	-10	-10	-6	2	12	7	13	11	6	20	36	12	12	16.0
	MIN	23	23	25	22	23	31	15	7	2	22	-5	2	-2	-12	-20	-29	-27	-29	-12	-20	-30	-19	-19	-18	-15	-8	-20	-5	10	4	-10	2.9
STOWN	MAX	42	38	35	33	34	34	28	28	15	29	30	15	4	-1	-5	-2	-4	-5	-6	-6	0	5	-1	6	12	12	0	10	28	26	26	14.8
	MIN	19	30	31	24	26	32	24	13	-5	5	-7	-13	-17	-11	-19	-20	-24	-27	-29	-26	-9	-20	-27	-13	-8	-6	-13	-5	4	0	-8	3.2
	MAX	44	42	35	34	32	31	31	24	25	31	32	30	7	1	-7	-3	-1	-3	-11	-5	-2	-1	10	7	15	9	2	14	16	12	7	14.8
	MIN	26	31	28	13	17	26	10	0	0	14	-1	-1	-13	-17	-21	-27	-22	-25	-16	-19	-27	-12	-22	-9	-9	-15	-15	-16	6	-7	-20	4.5
LAKE W B CITY	MAX	44	37	34	30	35	33	30	20	17	29	16	5	2	-4	-10	-4	-2	-12	-8	-6	-3	3	-1	10	14	5	0	23	23	19	1	12.3
	MIN	19	28	26	23	26	30	20	3	-1	2	-7	-12	-15	-17	-20	-19	-19	-24	-17	-18	-17	-17	-24	-7	-4	-10	-13	-6	0	1	-10	3.2
SON CAA	MAX	52	45	33	38	36	29	26	24	30	32	33	31	10	-4	-11	-3	6	-6	-8	-10	4	8	8	15	13	16	10	35	29	15	-8	17.0
	MIN	28	32	19	17	21	24	13	6	6	8	6	9	-6	-22	-25	-28	-18	-22	-17	-25	-28	-17	-16	-10	-1	-8	-7	3	12	-12	-19	2.5
SON EXP STATION	MAX	51	53	45	32	40	37	30	18	26	33	33	34	13	9	-4	-9	3	7		10	-8	7	10	9	16	13	15	10	36	22	14	20.2
	MIN	22	28	30	13	18	20	16	9	4	5	6	13	8	-10	-24	-32	-32	-25	-3	-20	-33	-33	-21	-18	-18	-9	-8	-4	3	-1	-11	3.5
	MAX	37	47	41	37	32	39	33	27	21	28	32	24	10	4	-3	-6	-4	-4	-10	-9	-8	3	4	6	15	15	10	7	25	19	17	15.8
	MIN	24	26	29	27	25	29	25	8	-4	12	-8	-4	-13	-15	-21	-22	-20	-27	-26	-20	-26	-24	-25	-21	-12	-11	-14	-10	-8	5	-8	-4.2
ENTER	MAX	41	47	46	34	38	30	32	18	22	32	32	33	13	6	-8	-9	-1	0	-7	-11	-6	3	9	12	7	12	17	9	31	17	12	16.5
	MIN	20	26	28	11	11	18	18	3	4	6	1	11	4	-14	-19	-33	-30	-32	-32	-16	-35	-36	-4	-17	-17	-8	-20	-5	-4	-5	-8	-5.6
	MAX	45	48	45	38	32	35	33	26	18	28	32	18	6	4	-6	-11	0	-2	-10	-10	-8	-8	3	8	3	10	5	3	15	18	15	14.0
	MIN	20	25	28	28	20	26	24	0	-7	5	-8	-2	-19	-14	-20	-23	-26	-28	-25	-20	-28	-27	-25	-13	-13	-16	-20	-15	-15	3	-10	-6.3
Y EXP FARM	MAX	41	43	43	35	35	37	33	29	11	31	32	22	4	3	4	-7	-4	-10	-5	-3	-8	2	8	1	12	15	10	12	20	33	31	16.5
	MIN	14	21	28	18	19	30	25	12	1	5	-7	-4	-16	-9	-20	-22	-21	-30	-17	-15	-16	-16	-21	-22	-7	-18	-13	-6	-6	-4	-4	-3.6
1 W	MAX	43	37	36	32	32	35	32	25	11	28	24	15	4	-2	-9	-5	-3	-6	-9	-6	-1	2	-5	9	13	5	-3	5	20	13	13	12.4
	MIN	19	28	28	18	24	30	22	8	-5	4	-8	-15	-20	-17	-22	-22	-24	-30	-18	-19	-13	-20	-29	-16	-12	-15	-20	-7	-2	-10	-13	-5.7
OOS	MAX				36	33	31	34	32	34	32	31		10		-10	-12	0	-10	-12	-10	-9	1	3		0	3	4	23	26	20	5	11.8
	MIN				21	27	25	16			17		-5	-8	-19	-29	-36	-28			-30	-25	-25	-18		-5	-5	-24	-13	5	7	-20	-7.8
ALE	MAX	45	45	38	37	38	36	33	26	20	34	31	22	8	4	-4	1	2	0	1	-4	-2	2	2	10	15	12	7	16	30	34	27	18.3
	MIN	12	22	32	20	28	32	20	7	-5	3	-4	-2	-11	-8	-18	-21	-22	-25	-13	-10	-13	-22	-17	-17	-3	-3	-17	-1	8	5	-4	-1.7
	MAX	46	39	37	36	30	31	30	24	23	31	31	32	8	4	-10	-5	0	-7	-12	-5	-7	0	8	9	10	8	5	21	21	10	8	14.7
	MIN	26	26	24	18	22	26	11	0	3	17	0	5	-8	-20	-27	-30	-23	-25	-15	-20	-26	-12	-25	-11	-7	-12	-12	-12	-3	-8	-17	-4.4
WB AIRPORT	MAX	38	42	42	37	37	37	32	25	17	30	13	13	-3	-3	-8	-5	1	-7	2	-4	1	1	-7	6	17	4	8	16	18	32	10	14.3
	MIN	19	33	32	26	31	31	24	17	3	9	-5	-11	-14	-13	-19	-18	-17	-22	-7	-11	-10	-20	-26	-11	-1	-7	-15	6	0	-1	-6	-0.1
OEN	MAX	44	42	41	40	36	33	32	31	25	32	24	21	4	-1	-6	-4	-4	-4	-8	-4	-8	6	12	4	15	8	6	10	20		10	15.2
	MIN	19	25	21	26	25	23	20			18	-10	-10	-15	-15	-20	-19	-24	-30	-16	-21	-24	-24	-20	-14	-11		-15	-1	4	-1	-6	-4.1
	MAX	45	46	42	35	35	33	31	28	12	32	30	17	3	1	-7	-8	2	-5	3	-2	-2	4	-6	5	12	9	12	13	26	39	30	16.6
	MIN	19	19	31	21	29	31	26	10	-5	5	-5	-7	-14	-7	-21	-25	-20	-25	-15	-11	-12	-22	-23	-13	-3	-9	-12	0	8	5	-3	-1.5
ATES	MAX	51	50	46	34	40	36	31	18	19	34	32	28	10	6	-5	-3	3	-3	3	-6	-12	3	3	4	19	12	10	22	34	24	12	17.7
	MIN	16	26	32	15	20	28	13	11	-9	11	-4	7	4	-10	-19	-30	-20	-31	-10	-15	-27	-19	-20	-7	-6	-7	-15	-4	17	9	-6	-1.6
M WILDLIFE REF	MAX	49	46	39	34	34	34	33	24	33	31	30	27	5	2	-7	0	-3	-7	-10	-9	-9	3	8	12	15	9	3		24	15	5	15.7
	MIN	17	30	30	23	18	31	15	0	15	17	-6	0	-14	-14	-19	-20	-24	-32	-15	-17	-30	-14	-20	-8	-4	-12	-7			4	-13	-2.4
TON	MAX	44	46	45	36	38	37	33	27	31	35	32	21	6	4	4	-3	2	0	0	0	-3	1	2	7	13	10	5	10	24	33	28	18.3
	MIN	24	23	24	20	28	32	27	7	-4	-3	-4	-4	-12	-8	-18	-21	-24	-26	-14	-9	-12	-20	-19	-17	-3	-5	-17	-1	7	3	-5	-1.6
	MAX	50	51	36	32	36	34	30	20	18	32	25	20	10	1	-2	-8	-2	-9	-10	-8	-10	4	6	11	14	10	11	19	32	33		16.2
	MIN	27	29	26	27	24	26	19	-6	-3	12	-9	2	-15	-10	-22	-25	-23	-32	-26	-16	-19	-18	-21	-19	-19	-12	-8	-4	10	8		-3.2

See Reference Notes Following Station Index

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
GARRISON	MAX	45	46	36	34	34	34	29	21	26	33	26	13	7	-1	-6	-2	1	-10	-10	-7	-10	2	8	7	11	10	5	25	21	17	-3
	MIN	25	20	28	23	24	28	13	7	2	4	-1	-1	-9	-17	-19	-24	-21	-28	-15	-21	-27	-14	-22	-12	-2	-10	-12	-6	6	-4	-18
GRAFTON STATE SCHOOL	MAX	47	37	36	36	36	35	34	28	20	29	23	13	5	2	-3	2	-2	-4	-6	-7	3	4	1	0	10	18	6	5	22	22	18
	MIN	17	30	30	24	25	31	24	10	4	4	-7	-13	-16	-13	-19	-17	-22	-25	-20	-18	-11	-11	-30	-20	-10	-6	-19	-10	-3	-4	-12
GRAND FORKS CAA	MAX	37	38	37	35	37	37	29	24	14	29	11	6	3	-2	-7	1	-2	-9	-3	-5	0	2	-4	5	14	5	4	14	21	29	4
	MIN	16	32	30	25	27	28	23	14	-3	6	-5	-14	-17	-16	-18	-18	-20	-26	-12	-15	-6	-18	-29	-12	-10	-11	-18	-2	-1	-9	
GRAND FORKS UNIVERSITY	MAX	37	37	36	35	38	36	33	28	12	29	22	9	3	-2	-7	1	-2	-3	-3	-5	0	2	-5	5	14	9	2	9	21	28	23
	MIN	15	32	32	23	28	33	24	19	-2	-2	-6	-14	-17	-10	-19	-20	-20	-25	-16	-16	-11	-15	-29	-19	-10	-8	-18	-5	0	-13	
GRAND RAPIDS 1N	MAX	46	45	36	34	38	36	34	28	29	34	30	21	5	0	-7	2	1	0	-3	-3	-4	4	1	7	19	12	4	16	24	35	28
	MIN	14	26	32	17	24	32	28	12	-8	3	-7	-6	-16	-9	-18	-22	-23	-28	-14	-10	-14	-22	-21	-20	-13	-9	-17	-4	6	-11	-20
GRANVILLE	MAX	51	44	38	34	39	36	33	22	27	33	25	23	2	-1	-5	2	-2	-8	-7	-8	-3	5	10	13	13	9	1	17	23	16	4
	MIN	24	27	28	26	22	32	17	0	-6	17	-7	-6	-15	-13	-19	-21	-20	-31	-10	-20	-26	-18	-24	-11	-5	-11	-18	-14	0	-2	-11
GRENORA	MAX	45	49	36	31	31	30	28	22	29	31	32	31		-7	-14	-6	0	-19			-2	-1	10	7	15	2	4	13	13	6	7
	MIN	30	29	26	15	21	7	7	3	4	15	2	6		-21	-27	-27	-27	-25	-24		-32	-11	-20	-26	-27	-15	-15	-14	-4	-7	-19
HANKINSON R R STATION	MAX	41	39	45	41	35	36	36	28	24	26	30	16	6	3	0	-14	-2	6	1	7	-3	0	1	4	12	18	7	11	25	26	33
	MIN	20	20	33	25	25	32	27	22	2	5	-7	-4	-9	-4	-18	-17	-16	-17	-19	-11	-15	-20	-22	-22	-7	-2	-15	-10	4	2	-1
HANNAH	MAX	43	35	32	30	34	35	31	21	10	30	12	11	0	-3	-10	0	-6	-11	-14	-8	0	0	-6	11	14	6	-1	4	17	11	5
	MIN	18	27	28	21	25	30	20	4	0	6	-10	-19	-20	-18	-20	-23	-24	-32	-20	-21	-17	-18	-27	-16	-8	-13	-18	-8	-2	-3	-15
HANSBORO	MAX	41		31	31	33	33	31	22	12	28	15	11	0	-2	-8	4	-6	-10	-10	-8	5	1	-2	14	16	12	0	6	17	12	3
	MIN	25		27	24	24	30	22	7	-1	5	-6	-18	-14	-17	-20	-22	-21	-30	-18	-22	-17	-15	-25	-14	-1	-8	-14	-11	0	-12	
HETTINGER	MAX	56	49	39	35	35	28	28	28	28	34	36	34	14	4	-8	-3	10	-6	-6	-11	10	15	12	14	16	20	10	33	36	19	-4
	MIN	27	29	20	21	24	22	15	8	8	26	8	14	3	-20	-26	-25	-14	-19	-14	-22	-28	-5	-5	-13	3	-4	-4	5	15	-5	-10
HILLSBORO	MAX	39	37	37	38	35	35	32	28	18	30	27	12	3	0	-5	-3	-3	-3	-2	-3	1	3	-6	1	15	9	3	10	24	30	30
	MIN	17	31	28	24	23	29	24	18	-5	4	-8	-12	-16	-12	-21	-26	-18	-25	-17	-15	-10	-21	-28	-21	-12	-5	-15	0	-1	-2	-5
JAMESTOWN CAA	MAX	45	44	35	30	35	34	30	22	17	31	22	15	5	-3	-7	-6	-1	-12	-5	-6	-4	9	2	9	15	6	4	34	32	27	8
	MIN	16	29	28	23	24	29	22	0	-1	12	-5	-7	-14	-16	-17	-20	-22	-27	-13	-13	-18	-16	-24	-11	-5	-9	-13	-1	-1	-4	-7
JAMESTOWN STATE HOSP	MAX	44	43	39	36	36	35	31	25	18	31	32	17	5	-1	-8	-6	-1	-4	-5	-6	-5	8	-3	7	15	6	3	13	34	27	21
	MIN	17	30	31	22	26	31	25	7	-2	8	-5	-6	-12	-9	-17	-20	-18	-25	-14	-13	-15	-15	-23	-10	-7	-4	-14	-4	11	-6	-6
KENMARE	MAX	37	44	43	35	35	33	32	21	25	29	32	30	12	7	-9	-8	-1	-3	-11	-12	-5	3	0	10	12	14	4	4	25	18	15
	MIN	23	31	30	21	20	22	19	2	-1	10	-5	3	-15	-15	-20	-22	-20	-27	-27	-23	-26	-25	-21	-3	-2	-5	-18	-15	-8	7	-14
KENSAL WILDLIFE REFUGE	MAX	45	47	35	35	35	34	31	25	17	31	28	21	5	-3	-10	-2	-1	-4	-4	-6	-7	8	-7	13	16	8	7	11	35	27	6
	MIN	16	25	27	25	26	31	25		-5	10	-10	-12	-17	-17	-19	-20	-23	-30	-15	-15	-18	-16	-25	-11	-7	-6	-15	-4	5	0	-8
LANGDON EXP FARM	MAX	43	36	34	32	34	36	32	24	10	27	20	9	0	-6	-10	-2	-3	-8	-8	-6	-1	-5	-5	9	12	8	3	4	19	14	12
	MIN	17	28	19	18	14	20	14	6	-3	3	-10	-18	-21	-20	-22	-23	-24	-32	-20	-22	-14	-22	-29	-15	-7	-14	-18	-5	0	-3	-15
LARIMORE	MAX	41	39	38	35	36	35	32	25	15	29	24	15	8		-5	-2	4	3	-6	-5	4	8	7	11	17	18	3	10	23	26	9
	MIN	17	31	32	25	27	31	23	14	-1	2	-5	-12	-14	-12	-19	-15	-18	-25	-17	-16	-7	-15	-29	-14	-9	-5	-15	-2	4	0	-9
LEEDS	MAX	45	40	37	32	36	33	32	25	16	21	21	16	6	-9	-12	-13	-10	-7	-13	-7	-7		-4	12	14	5	0	10	22	16	7
	MIN	20	24	30	23	26	32	25	2	-5	12	-9	-14	-18	-17	-20	-21	-22	-29	-15	-20	-20	-15	-26	-8	1	-11	-15	-14	2	2	-8
LINTON	MAX	53	50	42	40	40	36	32	19	19	34	29	27	12	4	-8	-3	6	-5	-5	-8	-5	7	2	8	18	11	11	20	23	25	12
	MIN	19	29	31	17	26	32	19	12	-6	6	-5	4	0	-10	-20	-29	-21	-32	-17	-15	-26	-23	-20	-18	-2	-14	-14	-1	11	11	-6
LISBON	MAX	53	45		37	39	36	35	30	30	33	32	21	20	11	5	4	-2	2	0	0	0	2	4	0	10	18	1	10	23	30	36
	MIN	15	14		26	26	33	26	-7	5	5	-6	-8	-21	-15	-17	-20	-21	-25	-25	-18	-21	-15	-31	-14	-14	-3	-16	-10	5	0	0
MADOCK AGR SCHOOL	MAX	42	40	35	34	36	34	32	23	17	30	27	18	4	-4	-8	-4	-3	-4	-8	-5	-5	5	-3	10	13	6	1	10	24	18	12
	MIN	20	24	29	23	26	31	22	7	-4	7	-8	-11	-18	-19	-21	-20	-25	-30	-14	-19	-23	-20	-26	-12	-8	-9	-16	-8	4	0	-9
MANOAN EXP STATION	MAX	48	47	45	37	31	37	32	22	19	32	33	28	10	5	-5	-7	-4	2	-8	-6	-8	-10	-7	-6	10	14	10	9	35	23	19
	MIN	21	24	30	25	24	26	22	11	3	6	-4	0	2	-8	-19	-24	-22	-32	-30	-15	-26	-25	-20	-19	-12	-3	-14	-4	-3	5	-4
MANOAN FT LINCOLN PARK	MAX	49	48	39	35	40	37	33	20	22	35	30	27	11	4	-5	-5	-5	-4	-7	-6	4	4	9	17	12	7	20	36	19	12	
	MIN	21	26	32	24	24	29	17	9	4	21	-4	4	1	-11	-20	-24	-22	-33	-11	-15	-29	-20	-21	-15	-9	-4	-15	-3	15	5	-9
MARMARTH	MAX	50	41	36	38	36	28	27	22	25	34	37	35	25	6	-8	-2	12	0	-6	-10	9	20	11	7	16	13	12	38	36	20	-3
	MIN	20	22	17	10	15	15	16	4	-3	22	21	25	6	-8	-30	-24	-4	-20	-10	-27	-35	-10	-5	-24	-15	-25	-20	-1	10	-3	-10
MAX	MAX	38	44	43	34	32	33	34	24	23	29	32	26	12	4	5	7	-2	-2	-2	-12	-12	-2	3	5	11	9	10	8	22	17	14
	MIN	25	22	22	24	23	25	21	6	4	10	-4	3	-10	-11	-18	-24	-20	-26	-22	-18	-22	-18	-21	-24	-10	-12	-8	-5	-8	-4	-2
MAYVILLE	MAX	40	38	37	35	37	35	32	27	18	31	26	17	2	-5	-7	-1	-5	-3	-5	-5	1	2	-5	5	18	14	7	9	22	28	28
	MIN	19	29	32	25	25	32	25	16	0	-1	-5	-12	-15	-17	-19	-16	-20	-24	-15	-14	-6	-19	-27	-16	-2	-5	-14	3	3	-1	-7
MC CLUSKY	MAX	49	44	36	32	36	35	31	17	18	31	23	21	6	1	-8	-6	0	-7	-10	-8	-9	3	3	10	12	9	4	13	29	23	10
	MIN	24	29	29	25	25	31	17	6	-1	10	-6	-6	-11	-13	-20	-24	-20	-28	-14	-18	-25	-20	-23	-8	-3	-9	-10	-6	2	6	-10
MC HENRY 5 N	MAX	42	41	34	33	33	33	30	23	14	29	26	14	5	-5	-8	-5	-3	-6	-8	-7	-5	2	-5	7	15	7	0	8	25	22	20
	MIN	17	27	29	22	24	29	22	3	-2	5	-9	-14	-17	-14	-21	-20	-24	-29	-18	-18	-15	-21	-27	-11	-7	-9	-15	-7	-2	0	-10
MC LEOD 3 E	MAX	40	45	39	35	35	33	32	30	20	31	28	17	17	5	-5	-5	-3	-3	-4	-4	-3	-3	-8	-8	15	8	14	16	18	31	28
	MIN	17	30	30	18	22	29	25	11	-6	-5	-10	-12	-17	-13	-18	-20	-20	-22	-18	-18	-13	-19	-29	-31	-18	-10	-8	2	5	0	-4
MEDORA 4 NNE	MAX	53	42	38	39	40	33	29	28	28	36	36	34	23	6	-4	1	8	-2	-2	-7	10	13	13	7	16	26	23	30	39	24	0
	MIN	19	22	24	10	15	19	15	-4	-6	22	3	18	6	-12	-34	-33	-23	-28	-10	-27	-38	-20	-28	-26	-4	-11	-12	-6	4	-4	-12
MINOT CAA	MAX	46	45	35	32	34	33	29	21	27	32	28	12	4	-2	-7	-3	-4	-11	-11	-9	-5	1	8	15	12	11	1	27	27	14	-2
	MIN	25	33	29	23	24	29	13	3	1	1	-2	-8	-12	-16	-19	-20	-20	-28	-20	-21	-25	-16	-19	-3	4	-10	-13	-10	5	-3	-19
MINOT EXP FARM	MAX	46	46	35	33	34	35	32	19	22	32	28	28	4	3	-8	-5	-4	-11	-10	-10	-10	2	6	11	11	9	-1	13	24	14	7
	MIN	25	32	29	23	23	30	15	2	0	18	-4	2	-13	-15	-20	-21	-21	-29	-16	-19	-25	-14	-22	-5	1	-7	-15	-14	4	1	-13
MOHALL	MAX	46	44	36	32	32	33	31	21	24	31	20	15	5	-1	-6	0	-2	-13	-12	-8	-6	2	10	17	13	8	0	15	19	12	3
	MIN	23	26	28	23	21	31	15	-1	-6	13	-5	-5	-15	-18	-20	-21	-24	-28	-16	-22	-27	-15	-22	-7	-8	-10	-17	-15	1	3	-14
MOTT	MAX	54	47	38	36	32	32	29	26	29	34	34	32	15	5	-8	-2	7	-6	-6	-10	4	10	11	8	17	14	9	29	37	25	-1
	MIN	21	19	20	11	14	23	16	9	-4	26	3	13	3	-12	-30	-36	-24	-32	-12	-20	-36	-18	-21	-23	-5	-19	-17	-3	12	2	-6
MUNICH 4 SW	MAX	41	36	30	30	32	32	30	22	10	28	20	10	1	-2	-10	-5	-7	-12	-14	-7	-2	0	-7	5	11	1	-4	2	17	10	5
	MIN	19	26	28	21	24	30	21	3	-4	4	-9	-17	-20	-20	-24	-24	-25	-31	-19	-22	-17	-20	-29	-17	-8	-14	-19	-10	-2	-5	-13
NAPOLEON 1 SE	MAX	53	50	37	34	36	36	31	18	17	33	24	22	3	-1	-10	-5	2	-8	-6	-7	-9	4	-4	9	13	7	2	20	30	27	16
	MIN	21	28	30	25	21	30	17	5	-2	6	-8	-7	-14	-13	-22	-27	-21	-37	-14	-16	-26	-20	-20	-12	0	-8	-15	-4	8	6	-9
NEW ENGLAND	MAX	55	45	38	39	37	28	29	29	28	34	35	33	22	2	-9	-2	3	-6	-8	-10	4	12	13	5	15	13	7	38	38	18	-3
	MIN	26	26	22	13	16	23	13	15	1	15	6	14	2	-18	-29	-32	-18	-26	-16	-23	-34	-11	-14	-19	1	-9	-13	1	12	-3	-12
NEW SALEM 1 S	MAX	50	47	34	33	33	33	31	31	29	32	32	30	2	-3	-5	-7	0	-7	-7	-8	-5	0	-5	6	15	13	7	33	32		0
	MIN	25	25	32	26	25	24	13	15		10	-2	-5	-10	-18	-22	-25	-18	-25	-22	-26	-27	-25	-26	-23			-10	-5		-15	

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	MAX	40	48	45	36	38	39	35	31	18	31	34	20	4	3	0	- 4	- 2	2	- 2	0	- 3	- 2	0	- 2	10	12	10	9	23	30	35	17.4
	MIN	16	22	33	22	20	32	22	16	-11	- 8	- 4	- 3	-14		-18	-27	-22	-24	-25	-10	-12	-25	-25	-21	-11	- 1	-19	-11	5	5	1	- 3.2
RIVER	MAX	40	39	37	33	35	35	33	26	18	29	23	13	5	- 2	- 7	- 2	- 4	- 5	- 8	- 6	4	4	- 2	15	16	6	2	7	22	15	10	13.7
	MIN	21	31	31	24	28	32	25	15	3	10	- 3	-11	-15	-12	-17	-17	-15	-23	-16	-16	- 7	-13	-24	- 9	0	- 3	-11	- 3	0	2	-10	- 0.1
ALL	MAX	44	44	35	36	32	33	29	25	25	32	28	30	6		- 7	- 4	- 1	- 8	- 8	- 5	- 5	- 1	9	9	12	11	6	16	22	15	5	15.5
	MIN	21	24	30	20	21	29	12	0	- 3	16	- 1	- 3	-11	-14	-22	-30	-29	-33	-16	-20	-33	-18	-29	-20	- 6	-16	-19	- 9	- 2	2	-11	- 5.5
NA 2N	MAX	37	37	34	34	38	38	35	30	16	28	28	12	0	0	- 4	2	2	- 4	- 9	- 9	1	3	2	12	16	14	7	8	18	20	20	15.0
	MIN	26	26	30	24	23	33	26	16	5	5	- 7	-16	-20	-14	-24	-21	-19	-29	-18	-17	- 9	-16	-27	-19	- 7	- 3	-15	-16	- 2	- 5	-10	- 3.2
SBURG	MAX	41	40	34	31	33	34	31	25	14	28	24	13	6	- 3	- 6	1	- 6	- 4	-10	- 7	0	5	- 3	11	14	12	3	7	19	20	15	13.6
	MIN	20	20	29	21	26	30	24	7	- 1	7	- 8	-14	-17	-13	-20	-19	-21	-27	-17	-17	- 8	-18	-27	-13	- 5	- 9	-14	- 5	3	3	-10	- 3.0
ONE	MAX	50	48	39	34	36	35	31	20	19	32	29	18	5	- 2	- 9	- 5	0	- 5	- 8	- 8	- 6	1	10	14	8	4		31	27		16	16.0
	MIN	20	25	27	25	24	31	20	9	- 2	10	- 8	- 7	-14	-13	-19	-25	-23	-29	-15	-17	-20	-24	-15	- 5	- 8	-15	- 2	4	2		-10	- 2.5
	MAX	36	41	40	34	35	31	32	17	22	29	31	30	15	5	-12	- 9	- 5	- 3	-11	-13	- 5	1	- 1		14	12	- 1	2	22	15	10	13.8
	MIN	25	30	30	20	20	23	16	1	- 2	2	- 4	4	- 8	-18	-24	-24	-24	-24	-22	-20	-22	-20	-24		- 6	-10	-15	-15	-11	10	-22	- 4.5
LAKE 1N	MAX	44	42	33	34	30	32	29	22	24	20	30	26	10	5	- 9	- 6	- 3	- 9	-16	- 6	- 7	0	8	9	8	2	4	22	19	6	-10	12.7
	MIN	23	26	30	15	19	29	10	- 7	0	10	- 4	-13	-18	-19	-24	-26	-30	-28	-18	-24	-28	-20	-26	-14	-10	-20	-20	-15	5	-10	-20	- 7.3
OTON ABBEY	MAX	48	47	38	38	34	30	30	24	24	31	32	31	12	3	-11	- 5	3	- 6	-12	-10	- 1	8	8	7	15	14	8	27	35	18	1	16.8
	MIN	27	31	29	16	20	27	13	10	7	18	6	10	2	-13	-23	-26	-15	-20	-14	-18	-24	- 5	-16	- 7	- 1	- 3	- 8	- 1	17	1	-13	0.9
ALE	MAX	45	44	36	36	33	34	30	21	21	33	26	26	6	3	- 9	- 3	- 1	-11	- 9	- 6	- 9	0	7	8	11	10	5	24	32	18	6	15.1
	MIN	26	27	30	23	24	30	15	9	- 2	15	- 2	0	- 9	-13	-18	-22	-23	-30	-17	-18	-26	-13	-20	-10	- 5	- 3	-10	- 3	8	1	-11	- 1.5
	MAX	39	44	34	32	33	33	31	19	8	28	15	12	6	- 3	- 8	0	- 7	-11	-13	- 8	1	3	- 7	9	16	13	- 1	3	20	12	2	11.5
	MIN	20	24	28	22	25	30	19	5	- 5	2	- 6	-13	-16	-15	-21	-27	-28	-28	-19	-22	-18	-19	-26	-13	- 2	- 7	-14	-13	0	2	-12	- 4.7
	MAX	45	40	38	35	36	35	32	22	15	31	27	16	2	- 2	- 6	- 2	- 2	- 4	- 9	- 5	- 4	4	1	9	12	6	2	8	20	14	10	13.7
	MIN	21	25	30	26	25	32	22	7	5	12	- 8	- 8	-17	-16	-20	-22	-24	-27	-15	-21	-22	-20	-25	-10	- 5	- 9	-14	-10	0	0	-10	- 3.2
VEN	MAX	40	46	39	32	33	35	31	21	10	29	21	14	8	2	- 9	1	- 6	- 4	-13	- 6	2	4	- 7	10	9	18	1	5	21	15	5	13.1
	MIN	21	28	27	23	24	31	20	7	- 3	4	- 7	-11	-15	-15	-24	-23	-20	-29	-17	-19	-15	-16	-25	-13	-11	- 6	- 6	-12	0	- 8	-12	- 3.9
	MAX	38	42	43	35	37	32	34	21	24	32	33	32	12	10	- 5	-12	- 4	- 2	- 8	- 8	- 3	- 7	3	12	1	12	7	8	26	19	17	15.5
	MIN	20	20	27	21	20	21	19	7	3	- 1	3	7	-14	-10	-19	-30	-30	-32	-29	-18	-34	-35	-29	-22	-15	-13	-21	- 6	-10	5	-10	- 6.6
	MAX	42	38	35	32	34	33	31	25	10	30	23	11	6	0	- 9	- 5	- 6	- 6	- 9	- 5	2	7	-11	6	13	5	0	8	28	23	5	12.8
	MIN	20	30	30	23	26	30	24	6	- 3	- 3	- 7	-13	-15	-12	-20	-19	-21	-25	-25	-21	- 6	-18	-26	-12	- 5	- 8	-10	- 2	5	4	- 8	- 2.6
Y	MAX	42	42	34	34	33	31	28	21	23	30	31	26	6	1	-10	- 7	- 4	- 8	-11	- 6	- 4	0	6	10	10	6	7	25	11	13	- 1	13.5
	MIN	22	30	27	18	23	27	10	2	0	0	- 2	1	-10	-18	-23	-25	-25	-28	-19	-20	-28	-13	-24	-12	- 5	- 9	-14	- 9	-13	- 2	-18	- 5.1
	MAX	53	51	39	35	38	36	32	20	18	23	24	24	4	1	- 8	-15	2	- 3	- 6	-10	- 7	8	- 4	10	15	12	2	21	32	27	18	15.9
	MIN	18	28	30	26	23	31	18	8	- 2	7	- 8	- 5	-14	-12	-20	-24	-22	-32	-12	-18	-23	-22	-23	-13	- 6	- 2	-15	- 4	12	5	- 8	- 2.5
	MAX	47	42	41	32	38	36	32	22	21	29	18	15	3	- 5	- 2	- 5	- 3	- 7	- 8	-10	- 5	5	2	12	12	11	13	4	20	15	10	14.0
	MIN	19	27	22	19	22	26	19	7	6	8	-11	- 9	-18	-18	-23	-26	-22	-28	-18	-18	-24	-20	-19	-11	- 5	- 4	-11	-16	- 2	- 4	-22	- 5.0
LAKE	MAX	47	46	36	33	38	36	31	20																								
	MIN	21	26	29	22	23	30		6																								
3N	MAX	46	43	40	33	36	35	33	22	17	33	19	14	6	1	1	3	3	- 4	- 8	- 1	- 8	4	0	9	13	8	2	9	21	15	10	14.7
	MIN	20	23	26	28	21	32	21	0	- 5	9	- 6	- 7	-18	-18	-21	-23	-23	-25	-13	-21	-27	-27	-25	-11	- 9	-13	-11	-14	- 5	0	-11	- 5.0
CITY	MAX	43	40	38	35	36	35	34	20	18	31	30	18	3	3	- 8	- 5	0	- 2	- 4	- 4	- 2	4	- 2	4	15	12	5	10	25	29	30	15.8
	MIN	18	30	33	25	27	33	26	17	- 3	3	- 3	- 8	-15	- 9	-17	-18	-22	-23	-17	-13	- 8	-18	-26	-13	-11	- 2	-13	- 3	8	3	0	- 0.6
OK	MAX	43	42	37	36	33	33	32	24	27	32	27	27	7	7	- 8	- 5	0	- 7	- 7	- 5	- 9	1	12	10	10	5		19	23	16	3	15.5
	MIN	23	26	31	20	21	29	14	5	2	17	2	2	-11	-13	-20	-28	-23	-31	-15	-18	-32	-18	-25	-19	-12	-16		- 9	3	1	-12	- 3.5
	MAX	48	43	38	33	37	35	32	22	26	33	28	23	4	4	- 6	- 3	- 2	- 8	- 9	- 9	- 3	5	10	18	13	11	0	18	28	16	12	16.0
	MIN	23	26	30	26	25	32	17	4	- 3	17	- 4	3	-14	-11	-17	-20	-25	-32	-16	-19	-28	-12	-21	- 4	2	-11	-17	-12	2	- 2	-10	- 2.3
ON STATE SCHOOL	MAX	37	43	44	37	37	37	33	29	18	31	30	14	3	0	- 5	- 4	6	5	9	7	3	2	0	8	15	7	12	15	23	33	29	18.0
	MIN	19	31	31	25	29	32	25	16	- 1	8	- 4	- 8	-13	- 6	-18	-17	-14	-20	-15	- 9	- 5	-17	-26	-15	0	- 7	-15	6	5	4	- 4	0.5
RN	MAX	44	46	43	35	37	34	33	19		34	26	27	5	0	- 7	- 3	1	- 5	- 8	- 8	- 8	2	6	6	14	11	5	14	30	27	7	15.6
	MIN	24	27	31	24	24	28	16	8	2		- 5	3	- 8	-12	-18	-24	-19	-34	-12	-16	-28	-18	-24	-14	- 6	- 6	- 5	- 6	9	7	- 9	- 2.1
D CITY	MAX	51	42	35	38	36	31	29	23	25	32	33	32	15	6	-11	- 8	- 1	- 5	- 5	- 9	- 4	4	12	5	12	8	6	26	28	15	- 4	16.0
	MIN	26	29	28	15	20	24	11	3	2	20	1	12	- 6	-16	-25	-31	-25	-27	-14	-19	-33	-10	-19	-13	- 6	- 9	-15	- 7	1	- 5	-15	- 3.3
PE	MAX	42	44	37	31	35	34	30	20	26	32	14	13	5	- 5	- 7	0	- 3	-10	-10	-10	- 3	2	4	6	14	8	0	6	17	16	6	12.7
	MIN	20	25	24	23	23	28	14	0	- 7	2	- 7	- 8	-15	-21	-22	-21	-25	-26	-20	-21	-26	-23	-26	-13	- 4	-13	-13	-17	- 1	5	-14	- 5.8
TON WB CITY	MAX	49	39	36	35	34	32	24	25	31	33	33	23	9	- 3	-11	- 5	3	- 6	- 9	- 7	1	1	12	5	13	7	8	23	21	14	- 8	14.9
	MIN	33	28	23	18	25	24	14	9	6	8	7	- 3	- 8	-18	-19	-24	-19	-27	-15	-21	-28	-18	-19	- 9	- 8	-15	-15	- 6	4	- 8	-20	- 3.3
CITY	MAX	45	40	37	30	35	35	33	28	15	33	16	13	4	0	7	- 2	- 4	-11	- 9	- 6	- 2	6	- 1	9	12	6	1	9	18	14	6	13.5
	MIN	18	22	27	25	20	32	27	0	- 7	9	-10	- 9	-23	-19	-23	-25	-31	-31	-18	-23	-23	-16	-26	-21	-15	-12	-18	-10	- 3	- 4	-12	- 6.4
RR STATION	MAX	45	45	44	34	29	35	32	23	18	29	30	24	9	3	- 1	- 8	- 5	0	- 9	- 9	- 8	- 1	2	3		14	10	8	32	22	21	15.7
	MIN	23	27	29	24	23	24	21	8	7	6	- 7	- 7	- 7	-11	-22	-22	-23	-28	-27	-19	-25	-23	-21	-16		- 4	- 8	- 6	- 4	8	- 8	- 2.9
	MAX	45		51	35	33	35	34	25	17	31	34	24	12	6	- 4	- 3	2	- 5	- 2	- 7	- 6			1	10	15	11	10	26	29	25	17.3
	MIN	14		27	23	29	29	22	10	1	5	- 5	- 1	-16	-17	-24	-29	-37	-33	-15	-24	-22			-21		- 9	-14	- 8	1	4	- 6	- 4.3

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH
DECEMBE

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	3
Almont 7 SW	SNOWFALL			0.3			1.3	1.0			T	1.0	1.0					0.5	T	0.9	1.0	6	6	6	6	6	6	T	T	T
	SN ON GND						1	2	2	2	2	3	4	4	4	4	4	4	4	5	6							6	6	
Amenia	SNOWFALL			T	T		6.0	1.0												2.0	1.0								3.0	
	SN ON GND	T		T	T	T	6	7	7	7	6	6	6	5	5	5	5	5	5	7	8	8	8	8	7	7	7	7	7	9
Amidon	SNOWFALL			0.5			T	1.0			T	*	3.5	1.0	1.5				T	T	1.0	0.5		0.5	0.5		T		T	
	SN ON GND			-	-	-	-	1	1	1	1	-	4	5	7	7	7	7	7	7	8	8	8	8	9	9	9	9	9	9	
Ashley	SNOWFALL			0.1			1.5	*	0.5									0.5		2.0	0.5							0.5		
	SN ON GND						2	2	2	2	2	2	2	2	2	2	2	3	3	5	6	6	6	6	6	6	6	6	6	6	
Beach	SNOWFALL			0.5				2.0			0.5	0.3	5.0	0.1	0.3						0.7		0.4	0.4						
	SN ON GND			1	1	-	-	2	2	2	2	2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Belcourt Indian Res.	SNOWFALL				T	T	1.0	0.5			0.5	T														T		T	0.2	
	SN ON GND	3	2	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Belfield	SNOWFALL			-				2.0		T	T	2.0	1.0		1.0				T	1.0	T	T							1.0	
	SN ON GND			-				2	2	2	2	4	5	5	6	6	6	6	6	7	7	7	7	7	7	7	7	7	8	8	
Beulah	SNOWFALL			0.2			2.0	2.5				0.7	1.2					1.0		1.5	0.2									
	SN ON GND						2	4	4	4	4	4	5	5	5	5	5	6	6	8	8	8	8	8	8	8	8	8	8	8	
Bisbse	SNOWFALL						1.0													T								0.5		
	SN ON GND						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Bismarck WB City	8NOWFALL			T	T		0.2	1.0	0.8	T	T		1.0	T				1.0	1.5	0.5	1.0	T		T	T			1.0	T	
	SN ON GND			T	T		T	1	2	2	2	1	2	2	2	2	2	3	4	5	6	6	6	6	6	6	6	6	7	7	
Bismarck WB Airport	SNOWFALL			0.7			1.8	0.6	T		T	0.6	0.3	T	T			1.9	0.3	0.3	0.6		T	T	T	T		0.8	T		0.
	SN ON GND						1	1	2	2	2	3	3	3	3	3	3	5	5	5	6	6	6	6	6	6	6	6	7	7	
Bottineau	SNOWFALL					T	T	0.5	T		0.5	T	0.5							T	T								0.7		
	SN ON GND	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	
Bowhslls	SNOWFALL							2.0	T		T	T	T	0.2				T	T											
	SN ON GND	T	T	T	T	T	T	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Carson 2 8W	SNOWFALL			0.5			3.0	4.0					2.0					1.0												
	SN ON GND			1	1	1	4	8	8	8	7	7	9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	1
Center	SNOWFALL			1.0			3.0	2.0			T	T	T					2.0	T	T								T		T
	SN ON GND			T	T	-	3	5	5	5	5	5	5	5	5	5	5	7	7	7	7	7	7	7	7	7	7	7	7	7	
Crosby	SNOWFALL			1.0			T	0.5			T	0.2	T	T				T	T	0.5		T					T			0.
	5N ON GND			1	1	T	T	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	
Dsvils Laks WB City	SNOWFALL			T			0.7	T	0.4	T	0.2	T	T		T			T	T	0.4	0.2	T	T	T	T	0.2	T	0.3	0.2	T	0.
	5N ON GND	T	T	T	T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	
Dickinson CAA AP	SNOWFALL			0.2			0.9	0.3		T	T	0.6	1.3	T	T			T	0.3	0.7	0.1		T			T		T	T		T
	SN ON GND			T			1	1	1	1	1	1	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	
Dickinson Exp. Sta.	SNOWFALL			T				1.3			T	0.3	1.7	T	T			T	T	0.7	0.3								T		
	SN ON GND			T				1	1	1	1	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	
Dunn Center	SNOWFALL			T	T			3.5	T		T	T	2.2	0.3				T	0.9	0.7	0.7							0.1	T	
	SN ON GND	T	T	T	T	T	T	3	3	3	3	3	4	4	4	4	4	4	5	6	6	6	6	6	6	6	6	6	6	6	
Edmors 1 W	SNOWFALL						1.0	T	T		T	T			T					0.5			T		T		T	1.0		T
	SN ON GND	T	T				1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	
Ellendale	SNOWFALL			T		T	6.0	1.5	1.0			T	T		T			1.0	T	3.5	0.5				T	T		T	T	T	
	SN ON GND						5	6	7	7	7	6	6	6	5	5	5	6	6	9	9	9	9	8	8	8	8	8	7	7	
Fargo WB Airport	SNOWFALL			1.5	T	T	2.7	0.9	T	T	0.2	0.4	T					0.3	T	1.2	1.1	0.6	T			T		T	4.4	1.5	0.
	SN ON GND	T	T	T	T	T	2	4	4	4	4	4	4	4	4	4	4	4	4	5	6	7	7	7	7	7	7	7	7	13	1
Fort Yates	SNOWFALL			T			4.0	1.0	T	T		1.0	1.0	T				T	T	T	2.0	T					T				T
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Foxholm Wildlife Res.	SNOWFALL						0.5	1.5				0.5	T					0.2		T	0.3							T			0.
	SN ON GND						1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Fullerton	5NOWFALL		T		T	T	6.5	2.2	0.2			T	T					1.2	T	3.8	1.7					T		0.3	T	
	SN ON GND						5	7	7	7	7	7	7	7	7	6		7	7	10	11	11	11	11	11	11	11	10	10	10	1
Garrison	SNOWFALL			T			1.6	0.7		T	T	0.3	0.2					-	-	-	-										T
	SN ON GND						2	3	3	3	2	2	2	2	2	2	2	4	4	5	5	5	5	5	4	4	4	5	5	5	
Grafton State School	SNOWFALL			0.2		T	T	T	T	T	0.5	T	1.1							T		3.0				T			0.7		T
	SN ON GND	1	T	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	5	5	
Grand Forks CAA AP	SNOWFALL			0.3		T	2.6	0.2	T	0.2	0.4	0.6	T		T				T	1.3	2.1	1.1	T			0.5		1 2	0.3	T	1.0
	SN ON GND	1	T	T	T	T	T	3	3	3	3	3	4	3	3	3	3	3	3	4	5	7	7	7	6	6	6	6	7	7	
Grand Forks Univ.	SNOWFALL			T	T	T	T	3.0		T	0.5	0.5	T							1.0	0.7	0.2	T				T	1.0		1.0
	SN ON GND	T	T	T	T	T	T	3	3	3	4	4	4	4	4	4	4	4	4	5	6	6	6	6	6	6	6	6	7	7	
Granville	SNOWFALL						2.0	1.0			T	T	T					T	T	1.0	T	T						T	T		T
	SN ON GND						2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	
Banshoro	SNOWFALL						0.5	0.5			0.2	1.2						-	-	-	-							0.3		0.1
	SN ON GND						1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Bettingsr	SNOWFALL						1.0	1.0				2.0	1.0	2.0					T	1.0											
	SN ON GND						1	2	2	2	1	2	3	5	5	5	5	5	5	6	6	6	5	5	5	5	5	5	4	4	
Jamestown CAA AP	SNOWFALL			0.6			1.8	0.9	0.2		0.1	0.1	T		T			0.8	0.2	1.4	1.4		0.2			T		T	0.5	T	T
	SN ON GND	T	T	1	1	T	1	3	3	3	3	3	3	3	3	3	3	4	4	5	6	6	6	6	5	5	5	5	5	5	
Kensal Wildlife Res.	SNOWFALL			0.5			4.0	0.5				T						0.5		*	1.5										
	SN ON GND						4	4	4	4	3	3	3	3	3	3	3	4	4	4	5	5	5	5	5	5	5	5	5	4	
Killdeer 8 NW	SNOWFALL			0.3			1.0	2.0			1.0	T	3.0					0.6	0.4	T										
	SN ON GND			T	T	T	1	3	3	3	4	4	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	
Mandan Exp. Sta.	SNOWFALL			T			1.0	1.4			T	0.6	T	T				2.4	T	2.0	1.0		T					0.5		1.3
	SN ON GND						1	2	2	2	2	2	2	2	-	-	-	4	4	6	7	7	7	7	7	7	7	7	7	7	
Mayville	SNOWFALL			T	T	T	0.5	5.0			0.4	0.7						T		1.7	2.0	1.4				T		T	T		0.1
	SN ON GND	T	T	T	T	T	1	6	5	5	5	5	5	5	5	5	5	4	4	6	8	9	9	9	8	8	7	7	7	6	6
McClusky	SNOWFALL						T	3.0			0.1	0.1						0.4		1.0	0.1								0.1		
	SN ON GND							3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	

See reference notes following Station Index.

- Continued

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
DECEMBER 1951

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
y 5 N	SNOWFALL			T			1.0	T			T	T	0.3					0.2		0.5	T								0.1		0.7	
	SN ON GND			T	T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3
4 NNE	SNOWFALL						0.1	0.6			0.4	1.7	2.5	0.1				0.5	0.1	0.4			0.3								1.0
	SN ON GND						T	1	1	1	1	3	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	6
CAA AP	SNOWFALL			T			2.6	0.8	T		0.1	0.1	0.2		T			0.7	T	0.5	0.2		T		T		0.1	T		0.5	0.1
	SN ON GND	T					2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Exp. Farm	SNOWFALL			T			2.0	1.0			T	0.3	0.3	T				0.5		0.4	0.2		T						0.3		0.3	
	SN ON GND						2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	SNOWFALL			T			2.0	2.0			T	0.1			T			T		0.4								T		0.3	
	SN ON GND						2	4	-	-	-	4	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	5	5	-	5	-
lier	SNOWFALL			T		T	1.3	0.5			0.1	T						0.3		2.5	0.3		0.2						T	1.0		1.7
	SN ON GND			T			1	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5	5	5	5	5	5	5	5	6	6	8
	SNOWFALL						1.0	2.5				0.8	1.2	1.5				0.5	T	T	0.8		0.3		T				T		T	2.0
	SN ON GND						1	4	4	4	4	4	6	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	6	6	6	8
4 SW	SNOWFALL			0.1	0.3	0.1	1.4	0.1	T		0.5	0.5								0.1		T	T			0.1			1.0		0.2	T
	SN ON GND						1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
on 1 SE	SNOWFALL			T			2.0	0.7			0.6	0.2	0.2					0.5		0.6	0.3								0.5	2.0		0.3
	SN ON GND						2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	6	6	6
	SNOWFALL							5.5	T	T		T	T						0.8	3.0	1.6	1.0							0.5	T		T
	SN ON GND						T	6	6	6	6	6	6	6	6	6	6	6	7	9	10	11	11	11	11	11	11	9	10	10	9	9
11	SNOWFALL			T			1.0	2.0			T	1.0	0.5					0.5		T	T								1.0		T	T
	SN ON GND	1	1	1			1	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6
burg	SNOWFALL		0.3	2.0			T	T			0.8	T	0.8							0.7	T	0.3							0.4			0.5
	SN ON GND			2	2	2	2	1	1	1	2	2	3	3	3	3	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	3
one	SNOWFALL			0.3			2.0	1.6			0.2							1.0	2.0	1.0	0.2								0.5			1.0
	SN ON GND						2	3	3	3	3	3	3	3	3	3	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	6
Rock	SNOWFALL			1.0		1.0	2.5	1.5			T	*	1.5	T		T	T	0.5	T	T	1.5		0.5						T	1.0		1.5
	SN ON GND			1	1	-	3	4	4	4	4	4	5	5	5	5	5	5	5	5	6	6	7	7	7	-	-	-	5	4	4	6
dton Abbey	SNOWFALL			0.1			1.7	1.3			0.2	1.0	1.4	T	T			0.3	T	1.1	1.0		T						0.4		T	1.4
	SN ON GND	T	T	T	T	T	2	3	3	3	3	4	5	5	5	5	5	5	5	6	7	7	7	6	6	6	6	6	6	6	6	7
ale	SNOWFALL			-			-	-	-		-	-	-					-		-	-				-				-	-	-	
	SN ON GND			T			2	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5	6
	SNOWFALL			T		T	2.0	0.5	T		0.5	0.2											T						0.4		-	-
	SN ON GND	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
ven	SNOWFALL						0.4	0.3	T		T	0.7	T							T							T				T
	SN ON GND	T	T				T	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	SNOWFALL		T	T	T	T	1.0	3.0			T	T								1.0	0.5								T		0.5	2.0
	SN ON GND	T	T	T	T	T	1	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	8
y	SNOWFALL			1.0			1.5		-		T	2.0	2.0															-			
	SN ON GND			1	-	-	-	-	-	-	-	-	-	-	-	5	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	6
3 N	SNOWFALL						1.0	1.5				1.5								0.3			T					0.1		1.0	
	SN ON GND						1	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5
City	SNOWFALL						4.5	0.2			T	-						4.7		1.5	2.0								1.5			3.5
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
on State School	SNOWFALL			-	0.1		1.5	1.5	0.5									1.0		5.0	1.0								0.3	0.2		1.2
	SN ON GND			-	-	-	2	3	3	3	3	3	3	3	3	3	3	3	3	7	8	8	8	8	7	7	7	7	7	7	7	8
pe	SNOWFALL						1.5	T			T	1.0								0.5								T			0.5	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	4	-
ton WB City	SNOWFALL		T	T			1.6	0.2		T	T	0.8	1.3	T	T		T	2.5	0.4	0.6	0.2		T	T	T		T	0.5			T	0.1
	SN ON GND						T	2	2	1	1	2	3	3	3	3	3	5	5	6	6	6	6	6	6	6	5	5	6	6	6	6
City	SNOWFALL			T		T	1.0	0.5	T		T	1.0								T	T							T			T	
	SN ON GND	T	T	T	T	T	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Table 2

CLIMATOLOGICAL DATA

Station	Temperature									Precipitation									
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or
APRIL 1951																			
EASTERN DIVISIDN 8ALDHILL DAM	40.2M		78	26+	20	16+		0	24	.90		.34	21	7.0			4	0	
MIDDLE DIVISIDN MADDDCK AGR SCHOOL	38.7	- 1.9	77	29	12	18	782	0	26	.77	- .35	.26	18	T	0		8	0	
JULY 1951																			
EASTERN DIVISIDN 8ALDHILL DAM	70.4		102	27	40	1+		14	0	2.88		1.55	3	.0	0		12	1	
AUGUST 1951																			
EASTERN DIVISIDN 8ALDHILL DAM	67.7		100	2	38	11		7	0	3.13		.77	25	.0	0		13	2	
SEPTEMBER 1951																			
MIDDLE DIVISION ASHLEY	53.3M	- 4.6			20	28		0		2.66	1.19	1.27	4	.0	0		10	2	
NOVEMBER 1951																			
WESTERN DIVISIDN PDRTAL	19.7	- 5.3	52	9	-20	23		0	30	.29	- .23	.12	15	4.9	15	16+	4	0	

DAILY PRECIPITATION

Table 3

Station	Day of month																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APRIL 1951																															
8ALDHILL DAM							T	T		T	T				T			.18			.34	.30				T			.08	
MADDOCK AGRO SCHOOL							T			.09	T	T		.07	.01			.26		.13	.03						.13			.05	
JULY 1951																															
8ALDHILL DAM		T	1.55	.22	.05				.15	.07					.05	.02	.22				.02		T		.26	.24				.03	
GLADSTONE 22 N		.54	.02			.04	.14							.15		.77	.01	.03		.04					.12						.09
AUGUST 1951																															
8ALDHILL DAM					.06			.22					.04			.30				.10				.08	.77	.02	.33	.72	.10	.22	.17
GOLDEN VALLEY 10 S	.20								T			60		.25	T	.06		.13							1.80				.95	.06	.02
WATFORD												1.43					.04		.55					.51				.72	.36	.04	.02
SEPTEMBER 1951																															
ASHLEY	.07	.03		1.27			T			.12		.07	T	.04	.08				T	.55		.13				.30					
GOLDEN VALLEY			.42	.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	T	.30	T	.36	-	-	-	-	-	-	
WATFORD 20 SE			.13	.20	.13				.07	.01	.03	.13	.02	.06	T								.10	.13	06	.17	T				
OCTOBER 1951																															
STEELE	-	-	-	-	-	-	-						T			T					T					T				.34	
VERONA				.50	.60	T							-								.47										
NOVEMBER 1951																															
8ALTA															.30	T															
8URT 16 N														T	T	.05					T	.02									
PORTAL	T												.04	.08	.12	.05							T								
SELFRIDGE 11 W	-	-	-	-	-	-	-	-					-	.02	-	-	.02				-	.02	-				-				

DAILY TEMPERATURES

Table 5

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APRIL 1951																															
8ALDHILL DAM	MAX	34	42	48	54	60	68	55	50	42	48	46	32	40			32	48	50	50	48	40	38	46	56	60	78	68	78	76	64	
	MIN	26	26	22	22	30	34	32	30	30	32	26	23	22			20	21	26	22	24	26	20	28	24	30	36	48	42	40	38	
MADDDCK AGR SCHODL	MAX	37	42	46	55	57	54	47	46	48	45	39	40	49	45	37	42	43	45	44	43	32	44	53	57	62	70	61	72	77	72	
	MIN	22	23	24	24	29	28	31	29	25	29	28	24	21	29	22	19	24	12	25	27	16	20	24	25	29	31	46	36	40	53	
JULY 1951																															
8ALDHILL DAM	MAX	82	88	84	70	84	80	76	96	86	76	60	84	84	90	96	90	86	94	90	84	88	84	88	92	96	90	102	94	96	92	90
	MIN	40	40	54	42	58	60	60	52	54	42	44	50	50	54	56	52	59	44	50	60	56	48	52	58	62	68	62	64	64	66	54
AUGUST 1951																															
8ALDHILL DAM	MAX	94	100	88	95	89	81	91	92	80	80	74	94	70	80	76	80	84	86	84	90	82	76	80	84	80	82	84	80	70	72	62
	MIN	64	64	48	58	60	62	61	52	50	54	38	50	52	50	54	44	46	46	46	54	48	40	50	62	64	52	50	56	50	54	52
SEPTEMBER 1951																															
ASHLEY	MAX	69	68	63	66	66	74	72	77	73	70	70	65	65	64	61	76	76	80	78	63	53	58		46	41	53	50	44			
	MIN	53	50	46	55	47	46	48	53	51	53	51	44	45	40	40	34	37	42	42	49	36	30		26	34	34	32	20			
OCTOBER 1951																															
STEELE	MAX								68	73	71	61	69	71	67	67	59	48	47	40	39	37	40	52	50	43	40					
	MIN								33	34	35	35	39	44	35	40	29	27	25	27	26	28	27	16	28	27	16					
NOVEMBER 1951																															
PDRTAL	MAX	26	12	30	17	23	28	38	47	52	49	48	40	41	27	21	20	15	22	21	32	38	8	8	6	31	21	38	37	45	45	
	MIN	2	- 2	3	1	0	8	21	24	25	20	23	23	26	6	10	13	- 5	2	5	16	6	-11	-20	-12	5	12	19	24	25	24	

STATION INDEX

Station	Index No.	County	Drainage**	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
S	0022	WALSH	10	48 20	98 06	–		6P	MYRON J. BATA	3
ER	0096	MC KENZIE	13	47 50	103 38	2200		6P	ARTHUR J. BAUMAN	3
	0136	MORTON	4	46 43	101 39	2300	7P	7P	HOGAN RAMSLAND	2 3 5 7
	0189	DIVIDE	12	48 58	103 28	2060		6P	JAMES A. OPPEGARD	3
	0196	CASS	11	47 00	97 13	960	5S	5S	VIRGIL L. GEBEKE	2 3 5 7
	0209	SLOPE	1	46 30	103 19	2910	8A	8A	TAFIELD ZUNDEL	2 3 5 7
	0263	BOTTINEAU	12	48 58	101 20	1540		MID	W. H. WEGNER	3
STATE PARK	0369	GRAND FORKS	10	47 56	97 30	960	6P	6P	ALBERT THOREN	2 3 5
	0382	MC INTOSH	8	46 02	99 22	2025	8A	8A	SOO LINE AGENT	2 3 5 7
L DAM	0450	BARNES	11	47 02	98 05	1300	8A	8A	F. A. JOHNSON	2 3 5
	0500	PIERCE	11	48 10	100 02	–		6P	FRANCIS E. BYKONEN	3
	0516	MC HENRY	12	48 30	100 36	–		6P	TEMPLE K. ROBERTS	3
I INDIAN RES.	0590	GOLDEN VALLEY	7	46 55	104 01	2814	6A	6A	HELEN TOBIAS	2 3 5 7
	0626	ROLETTE	9	48 50	99 45	1960	7P	7P	TURTLE MT. IND. AG.	2 3 5 7
	0639	STARK	4	46 52	103 11	2592	7P	7P	CARL INDERGAARD	2 3 5 7
D	0729	WARD	12	48 19	101 44	2080		6P	JOSEPH S. COX	3
	0786	MERCER	6	47 16	101 47	1780		6P	KNIFE RIV. COAL CO.	3 7
	0796	TOWNER	2	48 37	99 22	1600	6P	6P	ROBERT J. KRICK	2 3 5 7
K WB CITY	0814	BURLEIGHT	8	46 48	100 48	1670	9A	9A	U.S. WEATHER BUREAU	2 3 5 7
K WB AIRPORT	0819	BURLEIGHT	8	46 46	100 45	1650	MID	MID	U.S. WEATHER BUREAU	2 3 5 7
AU	0941	BOTTINEAU	12	48 50	100 21	1638	8A	8A	N. D. SCH OF FRSTRY	2 3 5 7
S	0961	BURKE	12	48 48	102 15	1953	8A	8A	FELIX L. ADAMS	2 3 5 7
5 E	0966	WARD	12	48 47	102 08	1925	8A	8A	DEVELOPMENT FARM	2 3 5 6
OURT HOUSE	0995	BOWMAN	3	46 11	103 23	2872	5P	5P	O. B. HOOK	2 3 5
11 SE	0998	BOWMAN	3	46 04	103 19	–		6P	BERNARD L. DOMAGALA	3
30 NNW	1001	SLOPE	8	46 35	103 31	–		5P	ROBERT L. HANSON	3
	1052	MORTON	1	46 24	100 57	1720		M10	FRANK E. POTTER	3
N	1124	STUTSMAN	5	47 04	98 49	–		M10	W. H. HENDRICKSON	3
N	1216	HETTINGER	1	46 36	102 08			6P	JACOB GRNEBELE	3
	1225	MC LEAN	12	47 50	100 40	1880	5P	5P	FRED J. KLOKONOS	2 3 5
	1288	TOWNER	2	48 29	99 12			M10	MARRY E. HARRIS	3
TON	1360	FOSTER	5	47 27	99 08	1579	7A	7A	SOO LINE AGENT	2 3 5
	1365	GRANT	4	46 25	101 34	2300		MID	VINCENT MUGGLI	3
C SW	1370	GRANT	4	46 23	101 35	2500	7P	7P	J. W. EVENS	2 3 5 7
R	1435	PEMBINA	9	48 48	97 37	894	6P	6P	JOHN H. ERICKSON	2 3 5
	1456	OLIVER	8	47 07	101 18	2100	7P	7P	FRED L. HEINZ	2 3 5 7
	1686	STEELE	10	47 14	97 39	1180		6P	JOHN P. BURCHILL	3
S	1696	BURKE	12	48 54	102 47	1930		6P	J. D. SUNDELL	3
TOWN	1766	GRIGGS	11	47 26	98 07	1428	5P	5P	R. J. LOCKNER	2 3 5
AY	1816	STUTSMAN	5	47 13	98 34	1523		5P	C. H. HANAWALT	3
AKE WB CITY	1871	DIVIDE	12	48 54	103 18	1954	6P	6P	VERNON V. NICHOLS	2 3 5 7
ON CAA AP	2158	RAMSEY	2	48 07	98 52	1471	MID	MID	U.S. WEATHER BUREAU	2 3 5 6 7
CN EXP. STATION	2188	STARK	4	46 53	102 48	2460	7A	7A	DICKINSON EXP. STA.	2 3 5 6
OOK	2242	WARD	12	48 31	101 53	1760		6P	FRED E. FELONER	3
	2298	MC HENRY	12	47 55	100 22	1634	8A	8A	ED. J. EVANS	2 3 5
NTER	2361	DUNN	6	47 21	102 37	2191	6A	6A	CHARLES C. NEUSTEL	2 3 5 7
	2472	BOTTINEAU	12	48 39	101 03	1500	7A	7A	SOO LINE AGENT	2 3 5
EXP. FARM	2482	LA MOURE	5	46 20	98 42	1568	8A	8A	N.D. AGRI. EXP. STA.	2 3 5 6
1 W	2525	RAMSEY	2	48 25	98 29	1524	5P	5P	MIKE DAVIS	2 3 5
OS	2570	MC LEAN	8	47 35	102 09	2082	6P	6P	H. W. CASE	2 3 5
S	2592	GRANT	1	46 21	101 49	–		6P	ART A. ESLINGER	3
LE	2605	DICKEY	5	46 00	98 31	1460	8P	8P	PAUL GRESS	2 3 5 7
	2735	WILLIAMS	8	48 18	103 21	2224	6P	6P	T. BEACHLER	2 3 5
	2767	BENSON	11	48 02	99 46	1650		M10	LYLE O. FERING	3
LO 8 N	2809	BILLINGS	7	47 19	103 12	2650		6P	MRS. EDITH LARSON	3
8 AIRPORT	2859	CASS	10	46 54	96 48	895	MID	MID	U.S. WEATHER BUREAU	2 3 5 7
EH	2949	WELLS	5	47 39	99 37	1610	6P	6P	JOHN V. ZUBER	2 3 5
	3009	MORTON	1	46 27	101 14	1930		8A	GEORGE M. SINCLAIR	3
	3019	BURKE	2	48 54	102 23	1940		6P	PALMER M. OLNHAM	3
13 NW	3064	DICKEY	5	46 04	98 56			6P	THEODORE A WIRCH	3
	3117	SARGENT	10	46 06	97 38	1249	6P	6P	ART WATERMAN	2 3 5
TES	3207	SIOUX	8	46 06	100 38	1640	5S	5S	STANO RK INDIAN AGY	2 3 5 7
WILDLIFE REFUGE	3217	WARD	12	48 27	101 33	1609	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
	3277	BILLINGS	4	46 53	103 18	2790		7A	HERMAN J. MAY	3
ON	3287	DICKEY	5	46 10	98 25	1439	6P	6P	F. O. ALIN	2 3 5 7
	3309	LOGAN	5	46 38	99 08	1951	6P	6P	ALVIL HUMMEL	2 3 5
N	3376	MC LEAN	8	47 38	101 25	1911	MID	MID	ALBERT J. BEIRELE	2 3 5 7
LIN 13 N	3503	MERCER	6	47 00	101 47	–		6P	CHRIST SCHILLING	3
VALLEY 10 S	3529	MERCER	6	47 10	102 03	–		6P	ROBERT H. BACKFISCH	3
ITY	3583	FOSTER	5	47 33	98 48	–		MID	IDA BONDERUD	3
STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 5 7
ORKS CAA AP	3618	GRAND FORKS	10	47 56	97 05	834	M10	M10	U.S. CIVIL AERO ADM	2 3 5 7
ORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	MID	7P	UNIVERSITY OF N.D.	2 3 5 7
APIDS 1 N	3665	LA MOURE	5	46 29	98 21	1360	6P	6P	ALBERT J. NESS	2 3 5
LE	3686	MC HENRY	12	48 16	100 51	1504	7P	7P	FRED ROBLE	2 3 5 7
BUTTE	3696	MC KENZIE	7	47 24	103 14	2660		M10	SAM CNARCHENKO	3
BUTTE 10 N	3701	MC KENZIE	7	47 31	103 14	–		6P	EDSEL G. CRIST	3
	3736	WILLIAMS	8	48 37	103 46	2114	5P	5P	L. D. NIELSON	2 3 5
	3836	BOWMAN	3	48 58	103 08	–		M10	U. E. CRAWFORD	3
AY	3846	DUNN	6	47 21	102 20	2073		6P	JOHN KISSE	
SON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
	3936	CAVALIER	9	48 59	98 41	1570	6P	6P	U.S. CUSTOMS OFFICE	2 3 5 7
RD	3963	TOWNER	9	48 57	99 23	1597	7P	7P	CHARLES E. DISHER	2 3 5
3 NE	4013	WELLS	11	47 45	99 53	1596		6P	M. J. REYNOLDS	3
6 NE	4073	ADAMS	1	46 01	102 24	2640		M10	BYRON B. BOBB	3
SER	4178	ADAMS	3	46 00	102 38	2680	6P	6P	FRED O. FORTHUN	2 3 5 7
SER 17 N	4186	ADAMS	1	46 15	102 39	–		6P	O. J. GERBRACHT	3
ORD	4203	TRAILL	10	47 24	97 04	901	6P	6P	ALFRED JAHNKE	2 3 5
OWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1497	M10	M10	U.S. CIVIL AERO ADM	2 3 5 7
OWN ST HOSPITAL	4418	STUTSMAN	5	46 53	98 40	1457	7P	7P	N.D. ST. HOSPITAL	2 3 5
E	4571	MC KENZIE	8	48 00	102 55	–		6P	DONALD M. LUND	3
	4646	WARD	12	48 40	102 05	1800	8A	8A	THEO E. ECKBERG	2 3 5
WILDLIFE REFUGE	4656	STUTSMAN	5	47 15	98 52	1440	7P	7P	U.S. WILDLIFE REFUGE	2 3 5 7
ER 8 NW	4726	DUNN	7	47 26	102 53	2240		6P	LEONARD J. OAVIS	3 7
N EXP. FARM	4843	LA MOURE	5	46 18	98 57	1970		6P	JOHN STROEHL	3
RD	4958	CAVALIER	9	48 45	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5
RE	5002	BOTTINEAU	12	48 38	101 22	1600		6P	LOUIS SCHAEFER	3
	5013	GRAND FORKS	10	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
	5078	BENSON	2	48 17	99 26	1515	7P	7P	JOHN FAGER	2 3 5
10 E	5088	STARK	4	46 38	102 21	2580		5P	JOSEPH LINK	3
	5210	EMMONS	8	46 16	100 14	1711	8P	8P	WILLIAM HEYERMAN	2 3 5
	5220	RANSOM	11	46 26	97 41	1091	7A	7A	ROBERT M. JODSAAS	2 3 5
ILLE	5230	BARNES	11	46 39	98 11	–		6P	WILLIAM H. RUGH	3
00 12 N	5320	BURKE	12	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
K AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	6P	6P	BENSON CY AGR SCHL	2 3 5
EXP. STATION	5479	MORTON	4	46 48	100 54	1750	8A	8A	NO. G.P. FIELD STA.	2 3 5 6 7
FT.LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
G	5519	DUNN	6	47 14	102 46	–		MID	DONALD JEFFERIES	3
TH	5573	SLOPE	7	46 18	103 55	2714	6P	6P	S. P. GRANE	2 3 5
TH M D U CO.	5575	SLOPE	7	46 18	103 55	2710		M10	E. B. JESTNES	3
	5610	SHERIDAN	11	47 50	100 07	1610		6P	WM PUTZ	3
LE	5638	MC LEAN	8	47 49	101 17	2093	7A	7A	SOO LINE AGENT	2 3 5
SKY	5660	TRAILL	10	47 30	97 19	975	6P	6P	H. A. RAGAZ	2 3 5 7
	5710	SHERIDAN	8	47 29	100 29	1943	6P	6P	ELMER L. SCHIELKE	2 3 5 7
RY 5 N	5730	EDDY	11	47 38	98 35	1509	7P	7P	C. E. BLASKY	2 3 5 7
0 3 E	5754	RICHLAND	11	46 24	97 14	1075	7P	7P	J. G. CARLSON	2 3 5
LE	5764	NELSON	10	47 46	98 11	1467		6P	H. Y. KNIEFEL	3
1 W	5798	STUTSMAN	8	46 53	99 19	–		6P	RUDOLPH GRAF	3
	5803	BILLINGS	7	46 55	103 31	2270		MID	JAY J. EATON	3
4 NNE	5813	BILLINGS	7	46 58	103 30	2250	5P	5P	U.S. FOREST SERVICE	2 3 5 7
11 N	5818	BILLINGS	7	47 04	103 32	–		6P	G. E. MESCHKE	3
LE	5833	FOSTER	5	47 20	99 02	1625		MID	EDGAR S. STEGMEIER	3
CAA AP	5988	WARD	12	48 15	101 17	1724	MID	MID	U.S. CIVIL AERO ADM	2 3 5
EXP FARM	5993	WARD	12	48 10	101 18	1720	6P	6P	N C AGRI EXP STA	2 3 5 7
4 SE	6015	BURLEIGHT	8	46 40	100 14	1760		5P	U S FISH & W L SERV.	3
LLIER	6025	RENVILLE	12	48 46	101 31	1639	9P	9P	IVER JOHNSON	2 3 5 7
	6105	STUTSMAN	5	46 42	98 35	–		6P	ROLF HANSON	3 5 7
4 SW	6155	HETTINGER	1	46 23	102 20	2420	5S	5S	FORREST E. COFFING	2 3 5 7
	6195	CAVALIER	2	48 38	98 53	1598	7P	7P	HAROLD FELDNER	2 3 5 7

Station	Index No.	County	Drainage**	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
NAPOLEON 1 SE	6235	LOGAN	8	46 29	99 45	1955	7P	7P	GLADYS J. PETERSON	2 3 5
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2621	6P	6P	ANTON SELINGER	2 3 5
NEW ROCKFORD 7 WNW	6355	EDDY	5	47 43	99 16	1550		6P	RICHARD STEINBACH	3
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2163	6P	6P	WILLIAM F. GAEBE	2 3 5
NOONAN	6455	DIVIDE	12	48 53	103 01	1960		6P	GEORGE KOSTER	3
NORTHGATE	6535	BURKE	12	49 00	102 16	1850		MID	U S CUSTOMS STATION	3
NORTONVILLE	6565	LA MOURE	5	46 33	98 44	–		6P	HENRY L. ERICKSON	3
OAKES	6620	DICKEY	5	46 08	98 05	1320	8A	8A	MRS. E.CARRIE MURRAY	2 3 5
PARK RIVER	6857	WALSH	10	48 23	97 45	998	5P	5P	MARTIN SEVERSON	2 3 5
PARSHALL	6867	MOUNTRAIL	8	47 57	102 08	1929	6P	6P	C. E. SHUBERT	2 3 5 7
PEMBINA 2 N	6947	PEMBINA	10	49 00	97 14	790	4P	4P	U S CUSTOMS & IMMIG.	2 3 5
PETERSBURG	7027	NELSON	10	48 01	98 00	1524	5P	5P	REV. OOEAN MONSON	2 3 5 7
PETTIBONE	7047	KIDDER	8	47 07	99 31	1860	7P	7P	L. H. OETHLOFF	2 3 5 7
PINGREE	7117	STUTSMAN	5	47 10	98 54	1572		6P	JERRY W. TANGNEY	3
PORTAL	7201	BURKE	12	49 00	102 33	1954	9A	9A	U S CUSTOMS SERVICE	2 3 5
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	7P	7P	HERBERT J. CLARK	2 3 5 7
PRETTY ROCK	7311	GRANT	1	46 11	101 51	–		6P	FREDA LEER	3
REEDER	7450	ADAMS	3	46 06	102 57	2810		6P	HENRY A. DONNER	3
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2860		8A	CHAS. M. METZINGER	3
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2467	5P	5P	ASSUMPTION ABBEY	2 3 5 7
RIVERDALE	7585	MC LEAN	8	47 30	101 21	1910	8P	8P	CORPS OF ENGINEERS	2 3 5 6 7
ROLLA	7664	ROLETTE	9	48 52	99 37	1860	7P	7P	THEO B. FAGERLUNO	2 3 5 7
RUGBY	7704	PIERCE	12	48 22	100 00	1560	6P	6P	FRANK HORNSTEIN	2 3 5
RYDER	7749	WARD	8	47 55	101 40	2108		6P	S. C. SCHELLENBAUM	3
SAN MAVEN	7824	ROLLETTE	12	48 50	100 02	2001	6P	6P	N.DAK. STATE HOSP.	2 3 5
SANISH	7834	MOUNTRAIL	8	47 59	102 32	1835	7A	7A	H. J. BUGGE	2 3 5
SCRANTON	7932	BOWMAN	3	46 09	103 09	–		6P	HENRY M. SOEHREN	3
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	2183		7P	L. E. WILSON	3
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	–		7P	G. E. BURY	3
SHARON	7986	STEELE	10	47 36	97 54	1516	8P	8P	HUGH LYON	2 3 5 7
SHERWOOD 3 N	8047	RENVILLE	12	49 00	101 38	1647		6P	U S CUSTOMS SERVICE	3
SHEYENNE	8057	EDDY	11	47 50	99 07	1500		MID	PEHR A. PETERSON	3
SHIELD	8065	GRANT	1	46 14	101 07	–		6P	EDWIN O. CARLSON	3
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	7P	7P	LEROY EDWARDS	2 3 5 7
STEELE	8366	KIDDER	8	46 51	99 55	1857	6P	6P	STEELE OZONE PRESS	2 3 5
SYKESTON	8608	WELLS	5	47 28	99 24	1653		6P	WILLIAM R. EVANS	3
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		6P	GEORGE N. PILGARO	3
TIOGA	8737	WILLIAMS	8	48 24	102 56	2279		6P	L. A. SIMON	3
TOLLEY 4 NE	8764	RENVILLE	12	48 46	101 47	–		6P	CARMIE NELSON	3
TOWNER	8792	MC HENRY	12	48 21	100 24	1482	7P	7P	AUGUST B. RIEDER	2 3 5
TROTTERS 6 WNW	8807	MC KENZIE	13	47 21	104 01	2420		5P	WALTER GRUNEWALD	3
TURTLE LAKE	8840	MC LEAN	8	47 31	100 53	1899	5P	5P	ART KLUNGTVEDT	2 3 5
TUTTLE	8850	KIDDER	8	47 08	100 00	1880		5P	THEODORE C. OCHSNER	3
UNDERWOOD 12 W	8877	MC LEAN	8	47 26	101 24	1750	6P	6P	MRS. F. W. MATTOON	2 3 5
UPHAM 3 N	8913	MC HENRY	12	48 37	100 44	1425	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	6P	6P	MISS I.C. ROBERTSON	2 3 5 7
VAN HOOK	8970	MOUNTRAIL	8	47 57	102 21	1864	9P	9P	ERWIN A. VENTSCH	2 3 5
VELVA	8990	MC HENRY	12	48 03	100 55	1511	6P	6P	OSCAR ANDERSON	2 3 5
VERONA	9035	LA MOURE	5	46 22	98 04	–		10A	LOUIS J. FRANDSON	3
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	5P	5P	ST SCH OF SCIENCE	2 3 5 7
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		6P	FELIX A. GASTONQUAY	3
WARWICK	9185	BENSON	11	47 51	98 42	–		6P	M. S. STINSON	3
WASHBURN	9195	MC LEAN	8	47 17	101 02	1731	6P	6P	FRED KRAUSE	2 3 5
WASHBURN WATER WORKS	9205	MC LEAN	8	47 17	101 02	1730		MID	WASHBURN WATER WKS	3
WATAUGA 8 N, S. DAK.	9219	GRANT	1	46 02	101 34	–		6P	JOHN C. SPICER	3
WATFORD CITY	9233	MC KENZIE	8	47 48	103 17	2084	8P	8P	J. C. ZELLER	2 3 5
WATFORD CITY 11 E	9238	MC KENZIE	8	47 47	103 02	–		MID	IDA PETERSON	3
WATFORD CITY 20 SE	9246	MC KENZIE	8	47 35	103 07	–		6P	MRS. AGNES MURRAY	3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 01	1508	6P	6P	REV. R. CAREY	2 3 5 7
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		6P	JONATHAN WINKJER	3
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 35	1877	MID	MID	U S WEATHER BUREAU	2 3 5 7
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1671	8P	8P	O. M. SANDERSON	2 3 5 7
WILTON R R STATION	9455	MC LEAN	8	47 09	100 48	2159	8A	8A	SOO LINE AGENT	2 3 5
WISHEK	9515	MC INTOSH	8	46 16	99 34	2010	8A	8A	H. M. LARSON	2 3 5
WOODWORTH 5 E	9575	STUTSMAN	5	47 09	99 12	–		6P	JOHN ROHRER	3
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		6P	OLA SEVERTSEN	3

INAGE CODE: 1. CANNONBALL 2. DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED 11. SHEYENNE 12. SOURIS 13. YELLOWSTONE

REFERENCE NOTES

Tbe four digit identification numbers in the index number column of tbe Station Index are assigned on a state basis. Tbere will be no duplication of numb within a state.

Figures and letters following the station name, sucb as 12 SSW, indicate distance in miles and direction from tbe post office.

Observation times given in tbe Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of tbis bulletin.

Monthly and seasonal snowfall and beating degree days for tbe preceding 12 montbs will be carried in the June issue of tbis bulletin.

Stations appearing in tbe Index, but for which data are not listed in tbe tables, are either missing or received too late to be included in tbis issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in incbes, and wind movement miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otberw shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 C

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windsbield.
B	Adjusted to a full montb.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 incbes of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, bave been adjusted to represent the value for the full month.
R	Daily values and montbly total from recording gage. All other data in Table 3 are from non-recording gages.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 15 cents per copy; montbly and annual, $1.50 per year. (Yearly subscription includes tbe Annual Summary.) Cbecks and money ord should be made payable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Superintend of Documents, Government Printing Office, Washington 25, D. C.

CORRECTIONS

May 1951, Velva, Table 2, temperature departure should be 2.9.

June 1951, Epping, Table 2, total precipitation should be 0.64 and departure -1.41.

Epping, Table 3, 26tb sbould be .09, total 0.64.

July 1951, Balfour, Table 3, 31st should be .05 and total 1.16.

Balfour, Table 4, 5a of 31st sbould be .01, 6a .04 and total .05.

Golva 1 SE, Table 3, delete dasbes 29tb, 30tb and 31st and add total 1.85.

Golva 1 SE, Table 4, delete dasbes 29tb and 31st.

August 1951, Beulab, Table 3, 31st should be .14 and total 4.15.

Beulab, Table 4, on 31st add .03 at midnigbt and change total to .14.

Breien, Table 3, 31st sbould be .15 and total 5.48.

Breien, Table 4, on 31st add .15 at 6p and total .15.

Cando, Table 3, 31st sbould be .19 and total 3.37.

Cando, Table 4, 31st, add .03 at 4p, .07 at 5p, .03 at 6p, .01 at 8p, .01 at 9p, .02 at 10p, and change total to .19.

Ryder, Table 3, "R" record, 31st sbould be .16 and total 2.68.

Ryder, Table 4, on 31st add .03 at 8p, .07 at 9p, .01 at 10p, .01 at 11p, and cbange total to .15.

Stanley, Table 3, "R" record, 31st sbould be .18 and total 4.84.

Stanley, Table 4, 31st, add .04 at 9p, .02 at 10p, .01 at 11p, .09 at midnigbt, and cbange total to .18.

W.R.P C., Kansas City, Mo. -- 2-25-52 -- 1

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U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
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CLIMATOLOGICAL DATA

NORTH DAKOTA

ANNUAL SUMMARY 1951

Volume LX No. 13

NAT.
HIST.

KANSAS CITY: 1952

NORTH DAKOTA - 1951

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

Both temperatures and precipitation averaged helow normal for the year 1951. Average temperature for the year was 37.2° or 2.5° helow the 1892-1951 average. Highest temperature during the year was 105° on July 25th at Lishon. Lowest temperature was -43° on January 29th at Linton, Towner and Elhowoods. May temperatures averaged considerahly ahove normal. June, July and August all averaged helow normal in temperature. Only a few stations, mostly in the western section, recorded high temperatures ahove 100° for the year. Precipitation was not too favorahle; amounts during all months from March through July were helow normal. The state average precipitation was 17.11 inches or .02 inch helow normal. Average for the eastern division was 19.36 inches; average for the middle division was 16.61 inches; and average for the western division was 15.37 inches. Average snowfall for the state was 37.6 inches. The temperature was favorahle for most crops, hut it was too cool for corn. The early spring dry weather caused crops to become exceptionally well rooted and prospects for the hest small grain crops ever produced in North Dakota were favorahle until cut down hy too much moisture in late August and during Septemher.

January averaged helow normal in temperature and slightly ahove normal in snowfall. A mild period during the middle of the month made it a rather pleasant month. There were very few days with high winds and drifting snow, hut hlizzard conditions occurred on the 22nd and 23rd, except in the west and southwest portions. Not much snowfall was reported hut most roads were heavy or hlocked as a result of the storm. Some thawing occurred mostly in the west portion during the third week. Little or no difficulty was experienced in feeding livestock.

February was a pleasant month. Temperatures were moderately warm to very warm in the southwest where most of the snow disappeared. The first half of the month was much the colder. Blowing and drifting snow on several days during this time made secondary roads heavy or hlocked. The rest of the month turned mild with considerahle thawing. In some parts of the southwest, the grass started to green during the long period of mild weather. Feed stocks were ample.

March was an unusually cold stormy month which hrought the worst weather of the winter. It was the third coldest March of record. At many stations the first 20 days averaged coldest of any March of record. Mild weather during the last week hrought relief to all sections. Although precipitation was helow normal, snowfall was ahout average. The greatest snowfall was at Hankinson with a total fall of 37.5 inches and the least was a trace reported at New England and Carson. High winds kept roads almost continuously hlocked in many areas. McLean and Sheridan Counties received emergency assistance from the Fifth Army. Even though mild weather during the last week provided relief, floods along the Missouri trihutaries hrought new prohlems.

April opened with heavy snow on the ground in the north-central part of the state, hut with little or no snow on the ground in the south, extreme east and extreme west. Much of the snow in the north-central areas was in huge drifts and little or no farm work was accomplished there. In the southern counties much planting was accomplished hy the close of the month and some ranchers in the southwest part of the state were moving their cattle out on the range. Temperatures averaged slightly helow normal. Precipitation averaged ahout one-third of the April normal, with half of it falling as snow. Most of the precipitation occurred during the last half of the month and with the greatest amounts in the western sections. Considerable flooding occurred over the Red River Valley, especially in the Fargo area, from April 12th-14th.

May was a warm and rather dry month which made it practically ideal for completing spring seeding. Moderate to heavy rains at the close of the month in the southern sections of the state relieved a developing drouth condition. Pastures developed rather slowly hut hy the middle of the month were supplying most of the livestock feed requirements. High winds on the 6th, 12th and 28th caused damage to huildings in scattered areas.

June was a favorahle month throughout most of the s
Temperatures and precipitation averaged helow normal.
ever, washing and flooding rains occurred in north-ce
McLean, southeast Ward and southwest McHenry Counti
the night of the 5th and 6th. Rainfall ranged fron
siderahly ahove normal in some central and south-ce
counties to much helow normal in a few northeast, n
west and west-central counties. Crops in general
rapid progress under such favorahle conditions.
moisture was deficient in northwestern counties and
few northern and northeastern counties.

July was cool, with precipitation averaging helow nc
The characteristic feature of the July weather wa
variation in rainfall over the state. In genera
southern half enjoyed ideal moisture conditions fo
development of a huge crop. To the north, precipit
fell off rapidly, reachi ng a low point in the nort
part of the state and resulting in drouth conditio
some areas. This, together with quite hot weathe
last two weeks, materially reduced the crop prosp
especially in some northwest counties. In general,
made from good to excellent progress during the m
Rather severe hailstorms occurred on several days, m
during the latter half of the month.

August was unusually wet and was the coolest August
1927. In some south-central areas of the state, all
vious rainfall records for the month were hroken. I
decidedly unfavorahle for harvesting and threshin
considerahle damage occurred to small grains. On the
hand, topsoil and suhsoil moisture conditions were
stantially improved in practically all sections. Hails
were reported from most sections. The most severe
storms occurred on the 16th in Morton, Stark, Gran
Dunn Counties. Pastures improved during the mont
livestock were in good to very good condition.

Septemher was cool with precipitation slightly ahove
mal. It was the coolest Septemher since 1934. Unfavo
harvest weather continued throughout the month and thre
was far behind schedule. Although rainfall was not as
as in August, it averaged ahove normal in the centra
western counties. This was one of the most hackward ha
seasons ever experienced. Crop losses were quite s
due to the continual wet weather, especially in the n
central portion. A considerahle amount of fall pl
was done and soil moisture was plentiful.

Octoher was relatively cool with precipitation ahou
erage. The month hegan with much cloudy and showery we
that continued to slow down harvesting and threshing
most of the state. The second week hrought the lo
period of favorahle weather. The remainder of the
proved to he generally unfavorahle and hy the end o
month, there was still some wheat and flax to he thr
in the northern sections. Most crops yielded well
though there was considerahle damage to grain fro
weather. Pastures were excellent throughout the m

Novemher was marked hy wide variations in temper
although it averaged considerahly helow normal. The s
week turned mild and much outdoor work was accompli
The month was also relatively dry with no severe st
Precipitation for the month averaged less than ha
normal. Nearly all precipitation fell as snow. Sno
was generally greatest in the northeast portion. Live
continued in excellent condition and nearly all were
on the range at the close of the month.

Decemher was characterized hy an unusually long and s
cold period from the 12th to the 24th and the sno
ranging from near record proportions (up to 20 in
across the southern third of the state to only two to
inches at most stations across the northern third o
state. It was the coldest Decemher since 1927. In
eral, precipitation was considerahly helow normal at
stations in the north-central and northeast portion
considerahly ahove normal across the southern half.
feeding of livestock was necessary. Although conside
drifting occurred on several days, there were no s
storms during the month.

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure
7 SW	7.6		16.6		13.6		39.8		50.2		58.9		68.8		64.8		54.0		43.5		25.0		8.7		38.2	
	3.0	-2.0	13.6	4.5	17.6	-7.1	41.2	- .4	59.4	4.7	61.1	-2.8	68.7	-1.2	85.3	-1.8	55.6	-2.3	44.5	- .2	22.0	-5.0	7.4	-5.4	38.3	- .7
	11.2	-3.4	19.6	3.4	15.9	-12.3	37.4	-4.0	54.7	1.2	56.2	-6.6	68.3M	-2.1	66.2	-2.2	50.8	-7.5	42.8	-2.1	25.4	-5.2	10.0M	-9.1	38.2	-4.2
State Park	.7		11.4		17.2		39.2		57.3		59.8		63.1		-		-		41.7		19.8		6.8		-	
	5.0M	-3.7	15.6	4.2	13.8	-11.3	39.6	-2.8	55.6M	1.4	57.4	-5.8	67.3	-2.4	64.2	-3.0	53.3M	-4.3	43.2M	-1.2	24.8	-3.4	7.1	-7.7	37.2	-3.4
l Dam	1.5M		10.5		12.9		40.2M		60.4		61.4M		70.4		87.7		-		-		-		-		-	
t Indian Res.	10.6	-1.5	18.3	2.3	14.2	-13.4	36.5	-5.7	54.2	1.2	55.9	-6.7	68.0	-1.9	64.7	-2.5	50.8	-8.8	42.2	-2.3	24.4	-6.3	8.4	-9.0	37.4	-4.4
	- .5		5.3		10.7		35.5		54.0		55.8		65.2		59.7		48.8		38.1		17.5		2.0		32.7	
l	8.6M	-5.7	19.5	4.1	14.8M	-12.7	38.5	-3.6	55.2	2.1	57.1	-4.8	68.0M	-2.0	64.4	-3.6	52.2M	-5.8	41.4	-4.3	25.2M	-4.2	7.4M	-12.4	37.7	-4.4
	-2.9M	-4.7	5.9M	- .6	11.1	-11.4	37.2M	-3.5	55.9M	3.2	58.3	-3.8	67.8M	.4	82.2	-3.5	51.1	-5.6	38.5M	-5.3	17.8M	-8.6	3.5	-6.2	33.9	-4.1
t WB City	5.9	-2.1	11.8	.2	11.6	-13.6	39.8	-3.3	57.7	2.9	59.1	-5.1	68.4	-1.1	65.8	-2.4	54.6	-3.5	44.7	- .5	24.2	-4.3	8.0	-7.7	37.7	-3.4
t WB Airport	2.9	-3.4	10.7	2.2	10.7	-11.2	40.2	- .2	56.8	3.8	59.0	-3.9	89.9	.5	65.5	-1.2	54.5	-2.8	42.9	- .7	23.2	-3.3	5.8	-6.8	36.8	-2.2
au	-2.0	-3.4	3.4	-1.5	6.0	-14.8	36.1	-2.9	54.9	2.6	57.0M	-4.8	67.5M	- .1	62.1	2.8	49.9	-5.8	38.9	-1.5	17.4	-6.2	2.8	-5.5	32.8	-3.8
	1.9	-2.9	6.6	-1.1	5.1	-16.4	34.9	-4.4	55.3	2.9	56.9	-4.9	68.9	- .8	61.5	-3.3	50.2	-4.4	40.7	-1.1	19.8	-6.4	4.0M	-8.9	33.7	-4.2
5 E	.0M		4.4		2.0M		33.6		54.6		56.5		65.3		60.0		48.9M		40.3M		19.3M		4 4M		32.4	
Court House	12.0	-2.6	21.1	3.7	18.1M	-10.2	38.6	-3.9	54.8	1.2	57.2	-6.2	88.3	-2.6	65.6M	-2.5	51.4M	-6.4	41.7	-3.1	25.4M	-5.1	9.6	-8.0	38.6	-3.8
on	3.7	-4.2	10 4M	-2.7	12.6M	-13.8	39.1	-2.2	58.5	3.7	59.7	-2.8	68.2	- .8	63.6M	-3.6	53.4	-4.1	42.5	-2.3	23.1	-3.4	6.2	-8.6	36.8	-3.8
t SW	8.3	-4.4	11.5M	2.6	10.7	-13.0	37.2	-2.4	56.5	3.4	57.6	-5.8	66.6	-2.8	62.5	-4.6	51.9	-5.0	40.7M	-3.0	18.9M	-8.4	4.8	-7 8	35.1	-4.3
	9.0	-1.1	16.9M	2.4	14.0	-13.0	40.4	-2.1	56.1	1.6	57.7	-6.0	88.8M	-2.0	65.4M	-3.2	54.0	-4.1	42.1M	-2.4	25.1	-4.7	7.8	-8.7	38.1	-3.6
	2.2M	.8	9.7	3.6	13.5M	-7.5	-		58.3	4.7	60.5	-2.1	68.3	- .7	64.1	-1.8	52.9	-2.7	41.3	-1.7	20.5M	-4.2	-		-	
	3.2	-6.6	10.5	-2.0	9.5	-17.0	36.7M	-6.1	-		57.2	-6.5	67.8M	-3.2	64.3M	-3.7	53.6M	-4.5	42.7	-2.6	22.3	-6.2	6.6	-9.8	-	
own	-3.9	-8.2	5.7M	-2.1	14.5	-9.8	39.4	- .9	57.5	3.7	56.5M	-6.7	68.4M	-1.2	63.3	-4.1	53.1	-4.6	42.3	-2.4	21.3M	-6.0	5.8	-7.2	35.3	-4.1
	2.2	-2.2	7.1	-2.4	7.3M	-16.5	33.7	-6.2	55.5	3.2	57.5	-4.2	68.0	.1	62.0	-3.0	51.7	-3.1	40.6	-1.6	21.3	-5.2	5.2	-7.7	34.3	-4.1
ake WB City	- .4	-2.2	8.0	2.9	12.0	-7.8	38.2	- .6	56.9	4.3	58.5	-3.4	68.2	.8	63.4	-1.4	52.5	-3.4	39.9	-2.5	18.9	-5.6	4.6	-4.9	35.1	-1.9
n CAA AP	8.0	-2.6	16.0	3.2	13.6	-11.9	38.3	-3.5	54.0	1.3	56.6	-5.5	68.3	- .7	64.3	-2.2	52.3	-4.1	41.3	-2.5	24.5	-3.7	7.3	-9.5	37.1	-3.4
n Exp. Sta.	7.9	-2.7	15.5	2.7	12.9	-12.6	38.2	-3.6	54.7	2.0	56.8	-5.3	67.8	-1.2	64.8	-1.7	51.7	-4.7	42.5	-1.3	23.6	-4.6	8.4M	-8.4	37.0	-3.5
	1.9M	-3.6	8.5M	-1.9	9.8M	-14.9	38.1M	-2.3	59.0M	4.3	58.4	-5.4	67.8	-3.8	63.9	-3.7	52.6M	-5.0	43.4M	.3	20.0M	-5.9	5.8	-9.6	35.8	-4.3
ter	3.3	-8.9	8.2	-5.9	6.6	-19.4	-		-		57.0	-5.5	67.5	-1.5	83.0	-3.4	51.4	-5.1	41.4	- .7	21.4	-6.5	5.5	-12.5	-	
St Sanitarium	.9	-1.9	7.3	.6	11.3M	-9.2	36.6	-2.9	54.6	1.8	57.3	-4.1	67.1M	.1	61.3	-3.3	50.2	-4.8	-		-		-		-	
	-		-		-		-		53.1M	.5	59.1M	-2.9	66.9	-1.1	60.7M	-4.3	51.1M	-4.6	40.3	-1.9	18.3	-7.1	3.9	-6.4	-	
Exp. Farm	2.7	-6.1	12.8M	.0	12.5M	-14.8	39.3	-3.3	56.7	2.3	57.8	-5.8	67.1	-2.8	63.9	-3.8	52.5	-5.8	43.1	-2.5	22.1	-7.2	6.5	-8.5	38.4	-4.8
W	-1.5	-1.7	7.3M	2.5	12.8	-8.3	37.1	-2.2	55.3	2.1	57.0M	-5.3	66.3	-1.2	61.7	-3.1	50.3	-6.1	39.1	-3.4	17.0	-7.6	3.4	-7.1	33.8	-3.5
m	3.8	-4.8	12.0M	- .1	9.1M	-17.1	40.6M	-2.4	58.9M	4.3	60.5M	-2.8	68.4M	-1.5	64.2M	-3.7	52.2M	-5.3	43.6	-1.2	24.5M	-3.9	2.0M	-13.9	36.6	-4.4
e	6.4	-3.6	16.8	3.7	17.1	-10.1	43.0	.3	58.9	3.6	60.3	-4.5	69.3	-1.6	66.5	-2.2	55.3	-3.5	44.7	-1.2	25.6	-2.8	8.3	-8.0	39.4	-2.4
	3.5	-1.7	9.7M	.3	10.6M	-16.4	38.0	-3.7	56.4	1.4	59.7	-3.4	72.6M	1.8	65.0M	-2.5	52.6	-4.1	41.9	- .2	21.9	-4.4	5.2	-10.0	36.4	-3.8
Airport	1.1	-2.7	13.4	5.3	15.8	-6.9	40.3	- .3	58.8	3.7	60.7	-3.7	68.5	.4	64.8	-1.3	54.6	-3.6	43.4	-1.1	21.0	-6.1	7.1	-4.4	37.5	-1.7
n	2.4M	-2.3	11.4M	1.7	-		-		56.1	2.8	58.1	-4.5	68.3M	-1.1	63.5	-3.2	53.5M	-3.1	42.2	-1.1	20.9	-5.7	5.6M	-6.2	-	
	4.2M	-3.4	15.7	3.8	21.5M	-4.5	41.9	-2.1	59.5	3.8	60.4	-4.8	69.4M	- .7	65.5	-2.7	55.2	-4.3	44.5	-1.5	24.5	-4.1	7.6	-7.7	39.1	-2.4
es	9.4	- .2	19.3M	6.7	15.1M	-12.1	41.6	-3.2	57.4	.7	58.9	-7.7	69.6	-3.1	65.2	-4.5	55.1	-5.1	43.5M	-3.2	26.9M	-3.1	8.1	-11.1	39.2	-3.8
Wildlife Refuge	4.6	-2.2	10.2	-1.8	9.8	-15.6	37.9	-2.9	57.0	2.8	59.8	-2.1	68.8	- .9	63.5M	-3.1	53.3	-2.9	42.9	.0	22.1	-3.5	8.7M	-7.5	36.4	-3.3
n	5.7	-3.4	15.6	3.2	16.2	-10.9	42.3	- .4	58.5M	3.7	60.9	-3.3	70.0	- .2	66.8	-1.2	55.5	-2.5	45.2	- .1	25.1	-3.9	8.4	-6.8	39.2	-2.1
	2.6	-5.1	13.0	2.5	13.3	-12.0	40.3	-1.8	57.4	3.1	59.4	-3.9	67.6M	-2.4	66.4	-1.1	54.4M	-3.4	43.5	-1.9	22.9M	-4.5	6.5M	-8.0	37.3	-3.2
	1.9	-6.0	10.7M	- .4	8.9	-15.5	37.6	-4.5	55.7	2.1	58.7	-4.2	68.7	- .5	63.5	-3.1	52.8M	-3.1	40.9	-2.3	21.2	-5.3	5.5	-8.9	35.5	-4.3
State School	.9	-1.7	9.0M	1.7	17.3	-4.4	39.5	-1.1	58.8M	4.7	60.6M	-3.1	69.5M	.7	64.5M	-1.7	53.5M	-3.5	42.5	-1.3	20.0M	-5.0	5.9	-4.8	36.8	-1.7
rks CAA AP	.0	-3.6	10.6	2.9	16.7	-5.8	39.1	-2.2	57.6	3.4	60.2	-3.2	68.2	- .3	64.1	-1.9	53.9	-3.0	41.7	-2.0	19.1	-6.7	5.3	-5.7	36.4	-2.3
rks Univ.	.9	-2.7	11.4	3.7	17.4	-5.1	39.7	-1.6	58.6	4.4	60.1	-3.3	68.0	- .5	64.1	-1.9	54.4M	-2.5	42.3	-1.4	19.6M	-6.2	5.8	-5.2	36.8	-1.8
pids 1 N	4.2		14.1		16.3		41.8		58.3		60.0		69.4		65.7		55.0		44.0		23.8M		7.4		38.3	
e	1.1M	-4.0	9.0	-1.0	9.5M	-15.0	39.2	-1.6	55.6M	2.7	58.2	-4.5	70.4M	1.7	64.1	-1.6	53.4	-2.5	42.7	- .9	21.3M	-5.1	5.9	-7.1	35.9	-3.2
	4.6M	- .3	8.8M	- .2	9.9	-12.5	37.1M	-2.2	56.3M	4.1	56.7M	-4.3	-		63.9M	-1.7	52.2M	-3.1	42.3M	.2	23.5M	-2.6	4.5M	-7.8	-	
n RR Sta.	5.4M	-2.5	12.8M	-1.3	16.2	-12.4	42.3	-1.2	60.0M	2.0	61.1	-5.8	69.3	-2.1	65.9	-4.8	54.4	-6.1	44.2	-2.4	22.0M	-6.9	8.4	-9.3	38.5	-4.4
	2.4	-3.6	5.9	3.3	10.7	-8.5	36.7	-1.2	55.2M	3.6	57.8	-2.7	65.4	- .8	60.7M	-3.4	49.9	-4.9	38.1M	-2.7	17.6	-3.1	2.6	-5.0	33.2	-2.2
r	-1.3M	-1.9	6.2M	.1	11.3M	-9.4	36.5M	-2.1	54.3M	2.8	56.3M	-4.5	65.3M	-1.0	60.0M	-3.5	50.8	-3.4	39.3M	-2.0	18.8M	-4.7	3.2M	-6.0	33.4	-3.0
D	14.1M	.4	23.3M	6.8	17.5	-11.4	39.5	-3.4	56.5	2.0	57.8	-6.2	69.0	-2.7	65.4	-3.5	53.2	-5.4	42.3	-3.8	26.9	-4.5	10.3	-8.0	39.6	-3.4
n CAA AP	1.5	-3.4	12.5	2.3	16.8	-8.5	39.4	-2.8	57.7	2.9	60.3	-4.4	68.9	-1.8	64.2	-4.0	54.1	-4.9	42.6	-2.6	20.5	-6.8	6.1	-5.9	37.0	-3.4
	1.3	-5.8	11.6	1.7	12.9	-11.5	39.6	-2.1	56.8	2.7	57.9	-5.8	67.4	-2.2	64.5	-2.4	53.2	-3.8	42.2	-2.5	21.4	-5.9	6.4	-7.5	36.2	-3.8
n State Hospital	2.8	-4.3	12.7M	2.8	14.3	-10.1	40.6	-1.1	58.3	4.2	59.6	-4.1	68.5	-1.1	66.1	- .8	54.5	-2.5	43.3	-1.4	22.9	-4.4	7.5	-6.4	37.6	-2.4
	3.0	-2.8	7.5	- .7	6.6	-16.6	35.2	-5.0	56.3	2.4	58.7	-3.7	67.1M	-2.2	61.9M	-4.1	51.1	-5.1	41.2	-2.3	21.0	-5.3	5.8	-8.6	34.6	-4.5
ildlife Re.	1.8		11.3		13.3M		39.0		56.9		58.7		68.1		64.5M		53.8		43.0M		21.5		6.0M		36.5	
Exp. Farm	-2.0	-2.4	6.5	1.7	11.6	-8.2	36.8	- .8	55.7	3.9	57.7	-2.9	65.6	- .7	61.4	-2.3	50.5	-3.0	40.1	- .8	18.2	-5.5	2.4	-6.4	33.7	-2.2
	1.3M	-2.5	10.5	2.8	16.8	-5.9	-		58.2	4.8	60.3	-2.6	69.0	.9	63.6	-2.3	53.8	-2.6	42.6	-1.5	20.6	-5.2	7.5M	-4.0	-	
	- .2		8.5		11.5M		39.5		57.4		58.9M		68.9M		63.3M		52.7		41.8		20.1M		4.3M		35.5	
	6.3	-3.0	17.1	3.3	14.7	-13.3	42.0	- .8	57.8	2.1	59.5	-5.7	69.9	-2.8	66.6	-3.5	55.1	-4.7	45.3	- .2	25.3	-3.5	7.8	-7.5	39.0	-3.2
	2.6	-5.0	12.2	.6	13.7	-13.6	-		58.4M	3.6	60.1	-4.3	67.5	-2.9	65.1	-2.7	54.1M	-4.0	44.9M	.2	24.5M	-4.3	6.8M	-8.0	-	
12 N	-		-		-		-		-		58.0M		67.0		60.5		50.7M		39.2		19.5M		-		-	
gr School	- .1	-4.7	8.5	-1.7	11.4	-12.9	38.7	-1.9	56.4	2.6	58.2	-4.0	67.4M	-1.5	63.9	-2.6	53.0	-3.9	41.2	-2.3	19.7	-6.5	4.9	-6.5	35.3	-3.8
xp. Sta.	5.4	-3.2	11.1	-1.5	10.8	-16.0	39.3	-3.3	56.9	1.8	58.4	-6.0	68.5	-3.4	65.0	-3.9	53.8	-4.8	43.7	-1.0	23.1	-5.8	6.5	-8.6	36.9	-4.6
Lincoln Park	6.2		13.4M		13.9		41.5		58.1		60.5M		70.5		66.5		55.0		45.2M		24.7		8.2		38.6	
	13.6M	.1	19.6M	2.4	17.6M	-11.2	39.7M	-3.5	55.6M	2.0	58.3M	-5.1	70.8M	- .4	66.4M	-1.8	53.5M	-4.3	43.2	-2.8	25.0M	-5.9	8.6	-8.9	39.3	-3.4
	2.4	-2.1	7.9	-1.7	8.9M	-15.6	37.7	-2.9	55.0	.9	58.9M	-4.7	68.1M	-3.3	62.4M	-5.0	52.5	-4.1	41.7	-1.2	19.7	-6.0	6.4	-8.0	35.2	-4.4
	1.4	-4.6	12.2	2.4	16.6	-8.1	39.9	-2.6	58.1	2.7	60.2	-4.3	68.8	-1.4	64.5M	-3.4	55.2	-3.3	43.5	-2.5	21.6	-6.2	6.9	-6.4	37.4	-3.2
N	2.0M	-4.4	10.4	-1.4	10.6	-15.6	38.5	-2.6	57.8M	3.8	59.5M	-2.8	69.4	-1.0	64.7	-2.5	53.6M	-3.6	43.1	- .3	22.1	-3.5	6.1	-7.6	36.5	-3.4
E	- .9	-2.4	8.4	3.0	12.0	-11.0	37.9	-2.7	56.1	3.4	57.8	-4.0	67.2	- .9	62.8	-2.9	51.8	-4.0	40.7	-2.8	19.2	-7.4	4.5	-6.3	34.8	-3.1
NNE	2.2	-6.1	13.5M	.5	15.8M	-12.0	42.0	-1.6	59.3	3.5	60.9	-4.4	68.2	-3.2	65.2	-3.3	55.6	-4.0	45.1	-1.4	21.8	-7.9	6.0	-9.1	38.0	-4.0
A AP	9.5		19.3		17.1		39.5		55.1		58.4		69.4M		66.5		53.7		42.4M		26.0		8.1		38.8	
	3.0	-3.6	10.5	.3	9.9	-13.7	37.8	-3.0	56.4	3.3	58.9	-3.7	68.4	- .4	62.1	-3.5	52.6	-3.8	40.8	-3.0	21.4	-6.0	5.6	-7.5	35.6	-4.1
. Farm	2.7		9.5M		10.2		38.5		57.1		59.4		68.8		62.7		52.9		41.8		21.3		5.9		35.9	
	.5	-4.3	6.7	- .8	7.2M	-14.3	36.8	-3.6	55.8	2.7	58.6	-3.1	66.6	- .9	61.5	-3.3	52.0	-2.9	41.2	-1.0	20.5	-4.5	4.7	-7.0	34.3	-3.6
	9.8	- .4	19.5	5.4	15.2	-12.4	39.2	-3.1	54.1	- .5	56.9	-8.1	67.3	-4.3	64.3M	-3.7	52.5	-5.3	41.9	-2.5	25.4	-3.9	7.3	-8.5	37.8	-3.8
SW	-2.8		5.5		11.3		37.0		56.0		57.2		66.1		61.3		50.2		39.2		17.0		1.8		33.3	
1 SE	3.4M	-3.4	13.5M	4.4	11.5	-11.8	39.6	-1.8	56.6	3.4	58.4	-4.5	68.0	-1.4	64.5	-2.6	54.3	-3.2	42.8	-1.3	22.8	-4.0	6.1	-7.3	36.8	-2.8
nd	10.9	-2.6	20.5	6.0	16.7	-9.4	38.6	-3.8	54.3	1.1	56.7	-6.9	68.0	-2.5	64.8	-3.0	52.2	-5.2	41.9	-2.2	25.5	-3.9	8.3	-9.1	38.2	-3.5
1 S	5.4M	-4.3	13.8	.8	12.3	-13.9	38.9	-3.4	56.4	3.0	57.9M	-5.7	68.8	-2.0	63.7	-4.2	54.4M	-3.9	41.0M	-4.1	22.1	-7.5	5.9M	-10.3	36.7	-4.6
	3.4	-5.5	12.9	.0	15.0	-12.7	39.6	-3.2	57.5	1.9	58.6	-6.7	67.9	-3.8	65.6	-3.5	53.0	-6.0	43.3	-2.7	22.1	-6.5	7.1M	-9.1	37.2	-4.8
r	2.5	- .4	10.3	2.6	17.4	-5.4	39.7	- .8	58.7	5.1	60.8	-2.3	68.9	.4	64.7	-1.9	53.6	-3.3	42.6	-1.1	20.4M	-6.6	6.8	-4.3	37.2	-1.5
	1.9	-4.4	9.4	.7	8.3	-17.0	37.8	-1.2	54.3	.3	58.2	-3.8	67.7	-1.9	62.5	-3.5	52.5	-2.8	41.5	-2.9	20.1	-5.4	5.0M	-9.5	34.9	-4.3
N	-3.1M	-5.5	6.3	3.5	14.0	-4.4	37.6M	- .9	56.1	2.9	59.9M	-2.9	68.3M	.5	62.9M	-1.8	52.6	-1.9	43.2	1.6	19.2	-4.2	5.9	-1.1	35.2	- .8
g	1.8		9.4		14.3		38.9		58.1		59.8		68.0M		63.4		52.2		41.1		18.6		5.3		35.9	
	2.0	-1.9	11.3	2.3	11.9	-12.5	39.1M	-1.7	56.7	3.5	58.6	-4.0	68.9	- .6	64.6M	-3.9	53.6	-3.0	42.0	- .6	22.0	-4.1	6.9M	-4.9	36.5	-2.6
	.7	-2.3	3.9	-2.3	5.1M	-13.3	34.4	-6.2	55.8	3.7	57.4	-3.2	66.8M	-1.2	61.8M	-3.0	49.9M	-5.3	41.9M	.4	19.7	-5.3	4.7M	-7.9	33.5	-3.8
ke 1 N	- .7	-8.8	5.7	-6.1	6.9M	-18.6	-		55.1	1.6	56.1	-5.4	65.8M	-5.3	61.4	-4.4	49.6	-6.7	39.3	-5.2	18.8M	-6.6	2.7	-13.1	-	
n Abbey	8.7	-2.4	17.7	3.0	14.7	-12.5	40.0	-1.4	56.6	2.7	58.8	-4.3	69.5	1.6	65.5	-3.0	53.5	-4.7	42.9	-1.7	25.2	-3.5	8.9	-7.3	38.5	-3.1
	3.4		11.0		9.7		38.0		56.5		58.9		68.9		69.3		53.1		42.3		22.5		6.6		36.2	
	.0	-2.6	5.4	-1.4	11.5M	-9.7	37.1	-2.7	56.3M	4.3	57.3	-3.0	66.6	- .1	60.7M	-4.9	50.1M	-5.0	39.7	-2.8	19.1	-4.1	3.4	-6.8	33.9	-3.3
	.2		8.6		10.3		39.1		58.1		59.7		69.0		63.7		52.7		42.2		20.4M		5.3		35.8	
	-		-		-		-		-		-		-		-		-		40.2		19.8		4.6		-	
	2.1	-3.0	6.8	-1.8	7.6	-17.2	36.2	-5.5	55.1	- .1	57.6	-5.7	67.8	-2.9	62.6	-5.0	51.7	-5.8	41.7	-2.5	19.8	-8.2	4.5	-9.0	34.4	-5.6
	.9	-2.6	10.3	.8	15.0	-9.2	39.1	- .5	57.3	3.2	58.6	-4.4	67.5	-3.3	64.1	-3.8	53.0	-4.4	41.8	-1.8	20.4	-4.3	5.1	-7.1	36.1	-3.1
	.0		7.3M		6.4M		35.0		54.2M		57.1		67.7		61.7		50.3		38.9		20.0		4.2		33.6	
	2.5	-4.7	10.5M	.9	9.7	-14.8	38.7	-4.0	56.7	2.7	58.6	-4.4	67.8M	-2.4	62.9	-4.4	53.1	-4.6	-		24.8M	-1.7	6.7	-6.5	-	
	- .5	-4.6	9.6M	1.7	10.3	-12.3	39.1	-2.7	57.2	2.9	59.3	-4.1	68.1	-1.0	62.6	-3.6	52.7	-4.2	41.1	-2.4	19.0M	-6.4	4.5	-6.7	35.3	-3.6
ke	1.6M	-5.1	9.8	.2	9.2M	-16.0	38.1	-3.2	56.4	2.5	59.0M	-3.3	68.5M	-1.0	64.3	-3.0	53.8	-3.7	43.2M	- .9	22.5M	-5.6	-		-	
12 W	2.4M	-7.5	9.8	-4.5	9.8	-19.1	37.4	-6.4	56.0M	- .3	59.5	-4.8	69.0M	-2.9	64.8	-3.5	54.4M	-3.8	42.4	-2.6	21.5M	-6.8	-		-	
	- .3		7.8		9.0M		38.6		57.3		59.3M		68.0		62.8		52.1		42.3		20.6		4.9		35.2	
ty	3.3	-2.8	14.0	2.5	16.0	-10.3	41.4	-1.0	59.6	5.0	60.2	-3.9	69.3M	- .8	66.2	-1.5	55.0	-3.8	44.0	-1.1	22.3	-5.7	7.6	-6.9	38.2	-2.6
	3.5M		9.7		8.5M		38.8		56.3		59.7		69.9		64.5M		52.7		43.0M		21.7		6.0M		36.2	

See reference notes following Station Index.

Table 1—Continued

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Ann
	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp.	Departure	Temp	Departure	Temp
Velva	3.1	-3.6	11.2	- .2	11.6	-13.7	39.2	-2.2	57.5	-2.9	59.3	-5.3	68.5	-1.5	62.6	-4.2	52 8	-4.4	42 4	-1.9	22.0	-5.4	6.9	-8.1	36.4
Wahpeton State School	4.0	-4.7	15.4	3.0	16.9	-10.7	42.0	-2.2	60.0	3.7	61.6	-4.2	69.6	-1.3	66.3	-2.4	56.5	-3.5	46.3	- .7	23.7	-5.3	9.3	-6.5	39.3
Washburn	5.2	-3.0	12.9	2.2	13.2M	-12.3	39.5	-3.8	57.5	2.2	59.5	-5.4	70.6	- .6	64.9	-3.2	54.6	-4.7	43.3	-1.7	23.7	-5.7	6.8M	-8.7	37.6
Watford City	7.1	-2.7	13.8	.1	12.1	-14.1	39.7M	-1.7	56.1	1.6	59.4	-3.7	70.5	- .6	64.8	-3.5	52.3	-5.4	41.5	-2.7	23.6	-4.9	6.4	-8.9	37.3
Westhope	.3	-2.4	6.1	-1.6	6.9M	-15.6	37.0	-2.9	56.9	3.8	59.7	-3.0	67.9	.0	62.0	-3.5	50.8	-4.8	39.6	-3.0	18.7	-6.4	3.5	-6.7	34.0
Williston W8 City	5.8	- .6	10.8	2.7	10.8	-12.1	39.3	-2.7	56.4	2.4	59.4	-3.3	70.6	1.7	64.8	-1.3	53.1	-3.5	42.3	-1.1	24.2	-3.0	5.8	-8.0	37.0
Willow City	-2.3	-3.4	5.6M	.5	8.8	-11.3	37.7	-1.9	55.9	3.7	58.2	-3.1	86.5M	- .1	61.6	-2.6	51.6M	-3.1	39.9M	-1.6	17.7M	-5.0	3.8	-5.6	33.7
Wilton RR Station	3.5M	-4.5	8.5	-1.8	7.4M	-17.6	36.4	-5.8	54.8M	.9	56.5	-6.3	67.0	-3.4	62.7	-5.0	51.3	-6.0	41.2	-3.7	19.6M	-7.7	6.4M	-8.4	34.6
Wishek	3.4	-3.9	11.9	1.7	10.7	-15.4	37.5M	-4.0	56.4M	3.2	57.7M	-5.9	-		63.4M	-3.6	53.2M	-4.0	41.9M	-2.1	19.2M	-9.2	6.5M	-8.4	-
Section Average	3.3	-3.6	11.4	.9	12.5	-12.2	38.6	-2.7	56.6	2.7	58.6	-4.5	68.2	-1.4	63.8	-3.2	52.7	-4.4	42.1	-1.9	21.8	-5.8	8.1	-7.9	36.3

See reference notes following Station Index.

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
7 S	.37		.39		1.07		.54		.47		2.04		1.54		6.09		1.01		.10		.46		.41		14.49	
DER	.79		.93		.25		.50		1.32		.97		.92		1.31		1.98		1.01		.35		.73		11.06	
7 SW	.49		1.17		.22		.54		1.04		4.46		3.72		4.36		1.34		1.34		.16		.76		19.60	
1 S	.17	- .25	.46	.03	T	- .79	.75	- .51	1.36	- .99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E	-		-		-		-		-		-		-		5.09		3.97		.80		.17		.37		-	
	.47	- .06	.98	.39	1.15	.39	.69	-1.06	1.16	-1.64	2.66	- .93	2.74	.05	3.82	1.28	.70	-1.20	1.07	- .28	1.4	- .54	1.13	.61	16.71	- 2.99
	.45	.02	.57	.10	.25	- .50	.95	- .37	1.60	- .74	2.63	- .85	1.99	- .15	1.99	.44	2.43	.96	1.88	.91	.26	- .15	1.08	.69	16.08	.36
R	-				4.12W		1.18		2.07		1.40		1.79		5.87		.97		1.00		-		.32		-	
A STATE PK	.34		.36		.66		.67		.88		2.67		2.63		9.19		2.33		.23		.22		.53		20.71	
	.59	.15	.94	.49	.23	- .60	.59	-1.02	2.02	- .38	3.26	- .16	5.18	2.52	2.60	.16	2.66	1.19	2.03	.97	.03	- .52	.73	.23	20.86	3.03
LL DAM	.63		T		-		.90		.84		2.60		2.88		3.13		-		-		-		-		-	
R	-		.59		-		.97		1.65		3.02		1.16		3.42		2.13		-		-		-		-	
	-		-		-		-		-		-		-		-		1.89		-		.30		-		-	
	.63		-		.16		1.27		1.20		2.87		.74		4.55		1.75		.95		.38		-		-	
	.25	- .21	.47	.07	.10	- .65	.22	- .96	1.42	- .84	2.20	-1.39	2.04	.24	-	-	1.82	.55	1.16	.26	.34	- .12	.89	.42	-	-
RT INDIAN RES	.30		.64		.37		.87		.23		2.47		2.54		6.28		2.60		.28		.32		.24		17.14	
LD	.35	- .11	1.00	.55	-	-	1.19	- .10	2.64	.29	3.32	- .10	3.88	1.66	2.74	.93	2.20	.86	1.96	.99	.43	- .05	-	-	-	-
LD	.43		.75		.69		.94		2.29		3.33		.67		5.18		1.29		1.75		.25		.58		18.15	
	.63	.33	1.72	1.38	.13	- .46	1.08	- .07	.72	-1.62	2.87	- .93	2.19	- .09	4.25	2.42	1.04	- .51	.47	- .35	.13	- .23	.76	.35	15.99	.36
	.38	- .07	.84	.48	.49	- .22	.40	- .79	.52	-1.63	2.45	- .91	2.29	- .41	4.37	2.02	1.71	.02	.11	- .88	.18	- .29	-	-	-	-
K WB CITY	.70	.32	.86	.47	.49	- .38	.42	- .77	1.42	- .81	2.89	- .34	4.12	1.84	5.18	3.55	1.03	- .41	.60	- .31	.19	- .29	.75	.27	18.65	3.14
K WB AP	.55	.10	.80	.36	.28	- .61	.48	-1.04	1.21	-1.11	2.29	-1.06	3.84	1.60	4.89	3.07	.76	- .47	.41	- .53	.20	- .37	.91	.34	16.62	.28
EAU	.32	- .09	.55	.19	.64	- .03	.86	.02	.82	-1.23	2.35	- .84	1.42	- .97	6.98	4.53	2.14	.55	.97	.00	.12	- .35	.16	- .31	17.33	1.47
S	.89	.39	.97	.55	1.63	1.06	1.12	.06	1.07	-1.21	1.67	-1.57	.55	-1.68	3.65	1.67	2.67	1.26	1.15	.30	.19	- .27	.20	- .18	15.76	.38
S 5 E	-		.83		1.37		.94		.80		1.37		.45		3.76		1.96		1.20		.19		.10		-	
COURT HOUSE	.38	- .06	.61	.17	-	-	1.07	- .16	2.50	.18	1.76	-1.35	2.78	.70	2.78	1.04	3.89	2.62	1.46	.58	.26	- .12	.84	.49	-	-
11 SE	-		-		.12		1.35		1.47		1.83		1.41		2.10		2.64		1.40		.21		.79		-	
30 NNW	-		-		.08		-		1.13		1.37		2.12				1.94		-		-		-		-	
R	.62		-		-		-		2.10		-		-		5.48		-		-		.07		-		-	
AN R	-		-		-		-		-		2.53		1.86		3.49		.94		.72		.04		1.19		-	
N	-		-		-		-		1.41		3.98		2.77		2.85		1.14		.68		.07		.44		-	
R	.47	.11	.37	- .16	.09	- .73	.99	- .31	1.62	- .86	3.88	.48	1.00	-1.73	4.53	2.59	1.82	.34	.33	- .64	.34	- .26	.65	.16	16.09	- 1.01
	.27		.54		.76		.42		-		-		2.41		3.37		1.22		.12		.31		-		-	
TON	.78	.36	-	-	1.10	.41	.35	- .98	.92	-1.57	2.62	- .83	.69	-1.92	4.56	2.49	1.07	- .35	.37	- .66	.55	.00	1.07	.66	-	-
R	.53		.96		.25		.85		1.99		4.97		2.14		4.10		.97		-		-		.77		-	
2 5W	.78	.42	1.41	.93	T	- .86	1.26	- .09	1.97	- .43	5.05	1.57	1.79	- .20	4.04	2.38	1.02	- .42	2.32	1.41	.19	- .38	1.23	.75	21.06	5.08
R	.23	- .44	.77	.26	.53	- .23	-	-	.39	-1.87	2.33	- .75	1.39	-1.25	4.93	2.42	2.02	- .30	.53	- .76	.80	.06	-	-	-	-
	.59	.22	1.18	.76	.06	- .67	.62	- .61	1.82	- .45	4.01	.45	2.49	- .07	4.84	3.13	1.86	.50	.83	- .08	.32	- .19	1.22	.78	19.84	3.91
	.59	.11	.12	- .37	.52	- .28	.43	-1.23	.35	-2.35	2.40	-1.08	1.54	- .99	6.60	4.12	.81	-1.02	.35	- .76	.13	- .54	-	-	-	-
S	.41		.78		.75		.79		.50		2.22		.25		3.94		2.05		1.01		.37		.26		13.27	
TOWN	.60	.09	.20	- .32	.42	- .29	.45	- .94	.45	-2.08	2.62	- .65	1.26	-1.33	4.34	1.73	1.32	- .44	.31	- .77	.44	- .20	.82	.24	13.23	- 4.96
AY	.86	.25	.65	.07	.90	.06	.56	- .87	1.04	-1.39	3.58	.38	1.53	-1.09	6.11	3.71	1.33	- .51	.49	- .66	.16	- .41	.80	.13	18.01	- .33
	.26	- .14	.92	.56	.42	- .26	.24	- .69	.29	-1.68	1.97	-1.19	.75	-1.33	3.27	1.45	3.53	2.29	.93	.10	.20	- .36	.16	- .34	12.94	- 1.59
R	.91		.51		-		-		1.35		2.62		2.79		5.46		1.05		-		-		-		-	
LAKE WB CITY	.69	.22	.44	- .06	.54	- .24	.56	- .96	.86	-1.17	2.70	- .86	2.09	- .48	3.21	.73	1.54	- .09	.21	-1.04	.31	- .41	.25	- .29	13.40	- 4.65
ON CAA AP	.59	.17	.97	.54	.26	- .44	.90	- .30	1.51	- .82	2.16	-1.36	2.70	.49	3.70	1.86	1.53	.23	1.41	.50	.21	- .27	.51	.05	16.45	.65
ON EXP STA	.45	.03	.90	.47	.15	- .55	.63	- .57	1.58	- .75	2.68	- .84	2.39	.18	3.05	1.21	1.73	.43	2.39	1.48	.21	- .27	.54	.08	16.70	.90
OOK	-		-		-		-		-		1.25		.50		3.81		1.02		1.60		.14		-		-	
NTER	.45	.09	1.09	.63	.30	- .40	.76	- .41	.83	-1.25	4.23	1.07	.90	-1.40	4.09	2.07	2.78	1.35	.19	- .85	.32	- .22	-	-	-	-
	-		-		.20	- .55	1.16	- .10	.64	-1.70	2.02	-1.68	2.79	.46	2.54	.88	1.11	-2.29	1.43	.60	.16	- .28	.66	.25	14.25	- 1.69
H ST SAN	-	-	.45	.03	.40	- .22	.95	.11	.28	-1.59	2.47	- .54	2.06	- .61	7.37	5.01	2.14	.47	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	2.86	- .12	.37	-1.99	3.87	1.99	1.31	- .19	1.36	.52	.23	- .26	.39	- .08	-	-
EXP FARM	.41	- .08	.61	.13	-	-	.71	-1.04	1.41	-1.15	3.76	.09	3.09	.52	2.25	- .10	1.65	- .01	1.47	.45	.10	- .42	.85	.36	-	-
1 W	.61	.12	.84	.43	.12	- .57	.54	- .72	.80	-1.06	1.82	-1.29	1.50	-1.34	4.14	1.81	1.62	- .23	.60	- .38	.22	- .40	.15	- .39	12.96	- 4.02
DS	.24	- .09	1.49	1.10	-	-	.94	- .07	.89	-1.30	4.65	.97	1.28	-1.13	1.29	- .55	1.79	.30	1.15	.35	.27	- .13	-	-	-	-
S	.67		.91		T		.57		1.86		3.15		2.79		4.34		.82		1.30		T		.76		17.17	
LE	.80	.34	1.16	.67	.86	- .09	1.21	- .65	2.18	- .43	3.44	.03	4.62	1.97	4.43	1.66	1.66	- .02	2.59	1.53	.04	- .52	1.55	1.09	24.54	5.58
	.24	- .18	.45	.05	.60	.03	.19	- .80	.22	-1.92	.64	-1.41	.54	-1.51	1.49	- .15	1.71	.42	.74	- .03	.13	- .30	-	-	-	-
R	.46		.50		.39		.63		.42		2.85		1.18		3.63		1.47		.05		-		-		-	
LD 8 N	-	-	.74	.32	.19	- .53	1.16	- .06	1.52	- .84	2.64	-1.09	1.98	- .30	3.31	1.73	2.56	1.18	1.36	.52	.29	- .16	.41	- .05	-	-
B AP	.45	- .22	.72	.03	.85	- .16	.46	-1.72	1.63	-1.26	2.36	-1.69	3.77	.34	5.64	2.75	.79	-1.43	1.69	.00	.70	- .20	2.19	1.47	21.25	- 2.09
EN	.40	- .09	.25	- .27	-	-	-	-	.66	-1.62	3.84	.36	1.26	-1.31	4.39	2.21	1.50	- .01	-	-	.33	- .27	-	-	-	-
	.46		.52		.16		.43		2.05		3.25		3.15		3.82		.82		1.20		.05		.69		16.60	
13 NW	.70		.68		1.04		1.02		1.28		1.28		.41		3.21		1.56		.73		.25		.23		12.32	
	-		-		-		-		1.86		2.80		4.95		2.20		2.91		2.00		.05		-		-	
TES	.57	.12	.44	- .06	-	-	.85	-1.16	2.60	- .35	3.96	.36	1.65	-1.23	3.73	.98	1.24	- .83	2.31	.96	.20	- .37	1.25	.69	-	-
WILDLIFE REF	.59	.20	1.24	.78	.17	- .64	.53	- .82	2.64	.48	4.84	1.37	3.14	1.06	3.77	1.88	.99	- .46	1.90	.91	T	- .45	.90	.52	20.71	4.83
R	1.05E	.61	.88	.41	.45	- .27	.79	- .46	.80	-1.23	1.44	-1.54	.87	-1.06	2.78	.80	.82	- .73	.97	.09	.65	- .03	-	-	-	-
	.27		.40		.37		1.72		2.08		2.61		2.99		1.63		2.08		-		.33		-		-	
ON	1.08	.38	1.45	.74	1.01	- .05	1.42	- .72	3.44	.45	3.62	- .29	2.59	- .29	3.37	.83	1.90	- .06	2.24	.91	.04	- .67	1.85	1.08	24.01	2.31
	.80	.36	-	-	.19	- .66	.65	- .89	1.43	-1.15	4.35	.88	3.35	.67	3.14	.79	.82	- .76	1.68	.72	.10	- .44	1.23	.78	-	-
N	.40	.03	1.91	1.40	.27	- .52	1.07	- .09	1.29	-1.04	4.65	1.23	1.62	- .87	4.29	2.35	1.35	- .11	.67	- .19	.13	- .36	.54	.06	18.19	1.89
NE 22 N P	-		-		-		-		.83		-		-		1.95		-		-		-		-		-	
LIN R	.51		1.47		-		.82		.57		5.02		3.43		3.01		.77		-		-		-		-	
LIN 13 N	-		-		-		-		.96		4.89		2.78		3.46		1.25		-		-		.65		-	
VALLEY 1 S	.47		.74		.35		.86		-		2.67		1.85		4.07		-		.36		.04		-		-	
SE R	.11		.26		.07		.88		1.04		1.14		1.85		.88		1.69		-		-		-		-	
ITY R	-		-		-		-		-		2.94		.89		4.54		1.56		.22		.32		.59		-	
ST SCHOOL	.63	.13	.80	.23	.69	- .01	.41	- .93	.68	-1.34	1.98	-1.27	1.34	-1.42	6.32	3.80	1.32	- .84	.41	- .73	.77	.08	.53	.00	15.88	- 2.30
ORKS CAA AP	.59	.06	.58	.02	.70	- .08	.68	- .98	.25	-2.25	2.25	-1.03	1.28	-1.50	7.90	5.28	1.12	- .80	.20	-1.16	.79	.00	1.56	.94	17.90	- 1.50
ORKS UNIV	.60	.07	.43	- .13	.68	- .11	.65	-1.01	.16	-2.34	2.68	- .60	1.54	-1.24	7.98	5.36	1.35	- .57	.34	-1.02	.91	.12	1.16	.54	18.48	- .93
APIDS 1 N	.55		.48		.65		1.18		2.32		3.08		2.10		2.59		1.65		1.91		.08		1.34		17.93	
R //	-		1.17		-		1.22		1.34		-		-		3.30		-		-		-		-		-	
E	.85	.47	.77	.34	.51	- .03	1.41	.47	1.65	- .38	4.34	1.15	.59	-1.68	4.91	3.04	1.38	- .18	1.16	.32	.21	- .33	.21	- .25	17.99	2.94
BUTTE R	-		-		-		2.17		1.48		3.46		2.80		3.16		2.49		1.88		.96		-		-	
BUTTE 10 N	.84		1.27		.75		1.59		1.05		1.87		2.19		2.95		1.64		-		1.34		1.25		-	
R	-	-	.58	.13	-	-	-	-	.00	-2.22	1.95	-1.01	-	-	2.54	1.04	1.47	.24	.33	- .46	-	-	.35	- .17	-	-
	-		.37		.16		1.13		1.57		1.94		2.17		1.86		2.56		1.47		.20		-		-	
ON R R STA	.23		1.21		.21		1.03		1.15		2.17		2.14		2.77		1.00		1.36		.26		-		-	
	.30	- .17	.04	- .50	2.67	1.85	.77	-1.24	1.77	-1.09	4.26	.68	3.64	.77	4.09	1.34	.89	-1.21	1.99	.62	.39	- .26	1.97	1.45	22.78	2.24
RD R	-		-		-		.43		-		3.77		1.75		4.36		1.33		-		-		-		-	
	.34	- .36	.61	.02	.25	- .47	.95	- .17	.17	-1.94	3.10	- .31	1.74	- .69	6.29	3.92	1.58	- .53	.17	- .90	.42	- .27	.27	- .32	15.89	- 2.02
	.15	- .46	.34	- .16	.28	- .60	.37	- .88	.17	-1.93	2.36	- .96	1.81	- .73	5.03	2.71	2.11	- .25	.20	- .84	.21	- .33	-	-	-	-
NE	.33	- .15	-	-	.04	- .73	.53	- .75	1.03	-1.15	4.69	1.32	1.54	- .86	-	-	-	-	.16	- .91	.12	- .46	.29	- .24	-	-
NE R	.39		.75		-		.66		-		-		1.72		-		-		-		.19		-		-	
R R STA R //	.95		.82		.30		.62		-		2.58		-		5.12		.81		-		-		-		-	
ER	.64	.28	-	-	.19	- .47	1.22	.16	1.79	- .49	3.46	.30	1.85	- .43	2.62	1.08	3.40	2.10	2.00	1.29	.25	- .15	.69	.32	-	-
ER 17 N R	-		-		.16		1.25		1.44		3.62		1.73		2.03		2.96		1.56		.15		-		-	
RO	.59	.08	.23	- .32	1.22	.46	.57	-1.31	.23	-2.72	2.64	- .78	1.42	-1.22	4.46	1.71	.96	-1.11	.75	- .59	.32	- .44	1.29	.65	14.68	- 5.59
ELD R	.94		.57		.71		.53		1.15		2.83		.80		5.56		1.63		-		-		-		-	
N CAA AP	.67	.12	.92	.33	.86	- .04	1.12	- .58	1.54	-1.23	2.85	- .65	2.34	- .36	3.21	.66	.78	- .89	1.06	- .23	.27	- .40	1.63	.98	17.25	- 2.29
N ST HOSP	.54	- .01	.65	.06	.31	- .59	1.27	- .43	1.89	- .88	3.13	- .37	2.41	- .29	3.77	1.22	.74	- .93	1.03	- .26	.08	- .59	.87	.22	16.69	- 2.85
	.12		.51		1.28		1.15		1.25		-		.51		2.15		-		-		-		-		-	
ILDLIFE REF	.78	.43	.72	.33	2.13	1.48	1.11	.19	.94	-1.04	2.40	- .49	.66	-1.64	2.19	.28	1.31	- .26	1.30	.34	.26	- .28	.38	- .05	14.18	- .71
	.43		.28		.27		.66		.76		2.82		2.15		5.26		1.50		.60		.14		.66		15.53	

See reference notes following Station Index.

Table 2—Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annu
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip
KILLDEER 8 NW	.74		1.51		.58		1.35		.97		2.05		2.82		3.34		2.52		2.01		.58		.79		19.26
KRAMER 5 SE R	–		–		–		1.10		.80		4.09		.53		5.94		1.36		–		–		–		–
KULM	–		–		–		–		1.72		3.75		3.36		2.73		.19		2.05		.19		–		–
LANGDON EXP FARM	.67	.06	1.04	.41	.66	– .12	1.00	– .23	.43	-1.56	3.64	.40	1.75	– .75	4.54	2.07	1.90	– .33	.32	– .71	.72	– .01	.42	– .21	17.09
LANSFORD	–		–		–		–		1.26		1.96		.37		2.90		.88		1.31		.32		.49		–
LARIMORE	–	–	–	–	.38	– .43	–	–	.50	-2.23	1.93	-1.63	1.92	-1.02	7.05	4.34	1.75	– .30	.47	– .97	.28E	– .54	–	–	–
LEEDS	.89		.80		.84		.36		.59		3.22		1.87		2.93		1.91		.20		.28		.52		14.41
LEFOR 10 E	.37		.60		.07		.16		1.35		3.53		3.51		1.89		1.65		1.23E		–		.58		–
LINTON	.98	.64	1.07	.65	.08	– .70	.39	– .89	2.28	– .01	4.04	.77	3.35	1.22	5.42	3.34	2.48	.91	1.21	.17	.04	– .41	1.50	1.11	22.84
LISBON	.40	– .19	.11	– .48	–	–	–	–	–	–	3.29	– .61	4.44	1.54	4.81	1.91	1.28	– .72	2.01	.77	.10	– .53	–	–	–
LITCHVILLE	–		–		–		–		1.88		3.40		2.78		2.91		1.05		2.01		.45		1.31		–
LOSTWOOD 12 N	–		–		–		–		.73		2.38		.38		2.98		2.20		1.16		.19		–		–
MADDOCK AGR SCHOOL	.71	.29	.84	.44	.66	.02	.77	– .35	1.11	– .94	3.47	.08	1.17	-1.52	4.41	2.10	1.78	.12	.32	– .66	.29	– .22	.47	.04	16.00
MANDAN EXP STA	.89	.52	.99	.60	.40	– .44	.51	– .77	1.69	– .57	3.31	.03	4.05	1.74	6.09	4.51	1.00	– .46	.50	– .40	.13	– .39	.72	.27	20.28
MANDAN FT LINCOLN PARK	.61		1.39		.11		.36		1 31		3.24		3.80		5.67		.73		.57		.15E		.95		18.89E
MANNING R	–		–		–		–		–		–		–		–		1.02		–		–		–		–
MARMARTH	.53	.11	.54E	.13	.28	– .45	.53	– .54	1.44	– .85	2.69	– .44	2.88	.97	2.56	.94	1.96	.70	1.37	.58	.57	.20	1.07	.67	16.42E
MARMARTH M O U CO R	.39		.44		.28		.63		1.60		2.52		3.33		2.67		2.26		1.56		.36		1.08		17.12
MARTIN	.36		.20		.08		.25		.95		4.69		1.93		2.96		1.82		.35		.47		.36		14.42
MAX	.71	.36	.93	.48	.53	– .21	1.35	.10	1.41	– .79	5.91	2.52	1.55	– .99	3.93	2.05	1.84	.45	.92	.12	.51	.01	–	–	–
MAYVILLE	.79	.40	.41	– .03	.64	– .05	.69	– .86	.44	-2.28	2.65	– .72	1.66	-1.05	6.10	3.55	1.11	– .95	.44	– .82	.37	– .34	1.14	.62	16.44
MC CLUSKY	.88	.44	1.30	.78	.30	– .48	.65	– .59	1.94	– .52	3.63	.17	1.62	– .87	5.26	3.33	1.50	.13	.32	– .67	.17	– .38	.91	.39	18.48
MC GREGOR R R STA R	–		–		–		–		–		–		–		–		1.47		–		–		–		–
MC HENRY 5 N	.46	.04	.26	– .19	.34	– .35	.48	– .89	.92	-1.39	2.77	– .70	1.07	-1.73	4.66	2.34	1.24	– .19	.24	– .81	.18	– .36	.29	– .20	12.91
MC LEOD 3 E	.83	.27	.27	– .29	2.98	2.20	.81	-1.18	2.35	– .66	4.49	.66	3.58	.73	3.93	1.23	1.20	– .83	2.07	.69	.60	– .03	–	–	–
MC VILLE	.83		.40		.28		.79		.39		2.38		1.45		5.75		1.18		.19		.27		.37		14.28
MEDINA 1 W	–		.82		.13		.72		1.55		2.55		1.92		3.86		.89		.45		T		–		–
MEDORA R	–		–		–		–		–		–		1.94		–		2.29		–		–		–		–
MEDORA 4 NNE	.51		.81		.13		.97		1.35		1.65		1.97		1.29		2.22		.93		.24		.51		12.58
MEDORA 11 N	–		–		–		–		–		–		–		1.78		2.72		.84		.32		.59		–
MELVILLE R	–		.45		.21		.58		.86		3.66		1.86		6.61		1.44		.51		.07		.43		–
MINOT CAA AP	1.15	.78	.94	.51	.69	.08	1.27	.05	.87	-1.29	4.30	1.19	.81	-1.24	4.09	2.17	.99	– .61	.99	.08	.25	– .41	.58	.12	16.93
MINOT EXP FARM	.58		.44		.41		1.15		.95		3.46		1.15		4.78		1.26		1.03		.20		.36		15.77
MOFFIT 4 SE	.52		1.20		T		.17		1.69		3.55		4.12		7.18		2.03		.78		.28E		.84		22.36E
MOHALL	.59	.25	1.03	.68	.85	.14	1.21	.25	1.27	– .71	3.04	.11	.48	-1.97	3.36	1.45	1.20	– .36	1.64	.60	.32	– .22	.41	– .01	15.40
MONTPELIER	.38		.09		.55		.85		2.25		3.48		2.33		2.02		.97		1.84		.30		1.60		16.66
MOTT	.46	– .03	1.00	.52	.20	– .66	.51	– .71	1.74	– .52	3.21	– .04	2.95	.82	2.47	.71	2.74	1.37	1.20	.37	.18	– .28	1.05	.57	17.71
MUNICH 4 SW	.39		.74		.28		.49		.35		2.83		2.56		3.28		1.27		.13		.34		.27		12.93
NAPOLEON 1 SE	.71	.30	.42	.01	.46	– .41	.31	-1.20	1.75	– .69	2.72	– .64	3.65	1.14	4.64	2.44	.98	– .48	1.09	.00	.05	– .53	.85	.40	17.63
NEW ENGLAND	.58	.12	1.21	.72	T	– .81	.91	– .29	1.50	– .67	2.80	– .36	1.55	– .58	2.19	.61	1.94	.57	1.46	.67	.14	– .31	.78	.38	15.06
NEW ROCKFORD 7 WNW	.92		.48		.15		.64		1.01		4.16		.88		4.07		1.06		.26		.22		.26		14.11
NEW SALEM 1 S	.56	.12	1.59	1.15	.35	– .35	.51	– .64	1.34	-1.06	4.41	.96	2.91	.74	4.54	2.81	1.34	.03	.96	.11	.17	– .31	.97	.46	19.65
NOONAN	.85		.80		.88		.35		.00		3.04		.20		2.65		2.48		.95		.11		.29		12.60
NORTHGATE R	–		–		–		–		1.57		1.81		–		6.23		1.97		.82		.25		.23		–
NORTONVILLE	–		–		–		.98		2.18		3.76		2.29		1.66		.92		2.03		–		–		–
OAKES	.52	.05	.17	– .29	.96	.16	1.18	– .69	1.92	– .79	3.51	– .13	2.55	– .30	3.89	1.22	1.16	– .60	2.34	1.03	.12	– .44	1.30	.80	19.62
PARK RIVER	.32	– .17	.31	– .11	.20	– .46	.52	– .80	.12	-1.82	2.12	-1.14	1.62	– .99	5.32	3.02	1.20	– .95	.36	– .82	.21	– .42	.20	– .31	12.50
PARSHALL	.34	.00	.78	.39	.56	– .02	1.23	.16	1.45	– .72	2.15	-1.34	.67	-1.55	2.58	.74	2.24	.75	1.50	.75	.43	.04	.38	– .03	14.31
PEMBINA 2 N	.13	– .50	.86	.24	.29	– .51	1.01	– .25	.64	-1.55	1.45	-1.74	1.22	-1.19	5.93	3.64	1.67	– .51	.53	– .67	.32	– .43	.12	– .50	14.17
PETERSBURG	.58	.14	.81	.31	.52	– .21	.22	-1.17	.36	-2.08	1.68	-1.82	2.63	– .33	5.29	2.93	1.37	– .60	.36	– .81	.40	– .24	.46	– .02	14.68
PETTIBONE	.82	.44	.84	.45	.36	– .27	.46	– .70	1.06	-1.20	2.57	– .54	2.70	– .04	4.72	2.57	2.29	.95	.33	– .66	.09	– .44	.54	.10	16.78
PINGREE	–		–		–		.20		.97		3.03		1.76		4.41		.84		.46		.04		.60		–
PORTAL	1.07	.67	1.25	.87	.76	.15	1.06	.12	1.36	– .71	1.93	-1.16	.44	-1.63	6.26	4.30	2.17	.71	.95	.11	.29	– .23	.26	– .19	17.80
POWERS LAKE 1 N	.31	– .21	.52	.07	–	–	.85	– .29	.37	-1.78	1.89	-1.40	.10	-2.17	2.32	.64	2.60	1.31	.56	– .49	.15	– .34	.27	– .27	–
PRETTY ROCK	.58		1.14		.37		.76		2.02		5.64		2.00		4.39		2.81		2.88		.25		.84		23.68
RAUB R //	–		–		–		–		.93		–		–		2.53		–		–		–		–		–
REEDER	.45		1.00E		.62		1.22		1.58		4.54		2.89		1.90		5.72		1.95		.27		–		–
REEDER 14 N	.26		.24		.09		.68		1.71		2.77		2.05		1.61		3.12		1.31		.05		.49		14.38
RICHARDTON ABBEY	.67	.29	1.33	.92	.22	– .50	1.30	.08	1.30	-1.16	2.91	– .56	3.19	.73	2.27	.43	1.11	– .21	1.33	.54	.38	– .14	.78	.36	16.79
RIVERDALE	.28		.99		.62		1.33		1.01		4.99		1.87		–		1.33		.40		.21		.57		–
ROLETTE R	.42		.55		–		.63		.42		–		.87		5.43		2.45		–		–		–		–
ROLLA	.58	.05	.75	.28	.55	– .35	.71	– .50	.33	-1.79	2.17	-1.23	2.79	.11	5.03	2.54	2.15	.40	.33	– .64	.47	– .08	–	–	–
RUGBY	.79	.36	.93	.48	.64	– .05	.52	– .47	.49	-1.48	3.51	.41	1.63	-1.05	4.43	2.43	2.57	.89	.17	– .72	.27	– .25	.43	– .04	16.38
RYDER	.29	– .04	.77	.29	.49	– .05	1.07	– .04	1.60	– .49	4.53	1.42	1.00	-1.23	2.63	.56	1.25	– .27	1.34	.54	.15	– .38	–	–	–
SAN HAVEN	–		–		–		–		–		–		–		–		–		1.58		.27		.22		–
SANISH	.46	– .02	.98	.53	.84	.26	1.55	.43	.83	-1.12	3.33	– .04	.75	-1.27	2.19	.59	3.19	1.85	1.50	.73	.54	.01	.55	.10	16.71
SARLES R //	.84		–		–		.74		–		2.43		2.43		4.76		–		–		–		–		–
SCRANTON	–		–		.10		.90		1.48		2.18		3.36		2.37		2.88		1.84		.41		.81		–
SELFRIDGE 11 W	1.09	.66	1.37	.90	.85	.01	.94	– .50	2.10	– .02	4.53	.83	2.49	.55	5.62	3.79	1.28	– .20	2.54	1.59	–	–	1.85	1.45	–
SENTINEL BUTTE 2 S	–		–		–		–		–		1.74		1.92		–		1.74		1.21		.57		.91		–
SHARON	.73	.26	.37	– .11	.44	– .18	.46	-1.02	.45	-2.29	3.16	– .45	1.03	-1.66	4.51	2.14	1.85	– .20	.61	– .68	.43	– .29	1.05	.57	15.09
SHERWOOD 3 N	.46		1.35		.48		1.15		1.07		1.86		.68		6.00		1.52		1.27		.47		.18		16.49
SHEYENNE R	–		–		–		–		–		4.35		1.47		–		1.18		–		–		–		–
SHIELDS	.73		1.19		.43		.30		2.09		4.40		2.30		5.24		.79		1.59		.02		.85		19.93
STANLEY	.55	.16	1.25	.84	1.20	.56	1.39	.22	.61	-1.58	1.43	-1.97	.66	-1.47	4.79	2.89	2.13	.76	1.87	1.03	.18	– .36	.42	– .03	16.48
STEELE	.47	.07	.72	.34	.12	– .60	.28	– .90	1.74	– .78	3.14	– .42	3.15	.33	7.20	5.02	1.10	– .43	–	–	.13	– .34	1.47	.98	–
SYKESTON	–		–		–		.56		.66		2.34		.52		3.58		1.51		.32		–		.31		–
TAGUS	.78	.42	.50	.08	.82	.20	1.01	– .14	1.29	– .70	1.53	-1.52	.73	-1.32	3.96	2.18	1.26	– .14	1.98	1.20	.22	– .31	.44	.02	14.52
TIOGA	.39	– .04	1.02	.65	.07	– .56	.58	– .40	.79	-1.27	1.50	-1.56	.85	-1.18	1.72	– .03	2.52	1.24	.79	– .02	.27	– .19	–	–	–
TOLLEY 4 NE	.65		1.11		.07		.70		1.24		1.95		.93		2.91		1.27		1.33		.22		–		–
TOWNER	.60	.15	1.00	.52	.47	– .31	.88	– .12	.07	-2.14	3.52	– .41	.79	-1.62	4.21	2.23	2.06	.34	.54	– .35	.31	– .22	.67	.18	15.12
TROTTERS 6 WNW	.63	.20	.89	.51	.16	– .61	.67	– .38	1.19	-1.04	1.06	-2.27	.90	– .86	2.47	.93	2.00	.77	.58	– .22	.32	– .13	.53	.13	11.40
TROTTERS 3 S R	.31		.50		–		.97		.69		1.20		1.48		1.77		1.66		–		–		–		–
TURTLE LAKE	1.53	1.18	1.50	1.05	.72	.09	.73	– .32	1.32	– .85	3.06	– .41	1.40	-1.15	4.81	2.83	2.47	1.20	.23	– .61	.24	– .18	–	–	–
TUTTLE	.60	.17	.64	.23	.77	.04	.33	– .75	1.79	– .55	4.60	1.33	1.94	– .69	6.63	4.80	–	–	.55	– .43	.18	– .32	–	–	–
UNDERWOOD 12 W	.84	.51	1.25	.81	.37	– .37	1.10	.03	.79	-1.33	3.10	– .32	1.57	– .83	3.78	1.87	1.45	.05	.90	.07	.21	– .24	–	–	–
UPHAM 3 N	.39		.74		.61		1.22		1.44		3.98		.91		4.61		2.00		.84		.32		.36		17.42
VALLEY CITY	.71	.17	.47	– .12	.51	– .28	.56	-1.17	1.05	-1.73	3.25	– .30	2.85	.13	2.08	– .46	.86	– .93	1.38	.06	.29	– .39	1.24	.66	15.25
VAN HOOK	.24		1.09		.33		1.31		.52		1.11		.66		1.63		1.77		1.19		.39		.18		10.42
VELVA	.46	.04	.60	.10	.44	– .15	1.41	.32	1.73	– .45	4.48	1.55	1.07	-1.25	4.21	1.99	1.84	.28	.55	– .40	.27	– .37	.60	.13	17.66
VERONA	–		–		–		–		1.56		3.79		1.56		4.50		1.63		–		–		–		–
WAHPETON PWR PLANT R	.38		.44		–		–		–		4.40		2.57		4.72		1.49		–		–		–		–
WAHPETON ST SCHOOL	.73	.28	.70	.23	1.41	.69	.78	-1.30	1.94	– .76	4.17	.59	2.53	– .42	3.54	.67	1.21	-1.01	2.57	1.13	.73	.04	1.37	.87	21.68
WALHALLA	–		–		–		–		–		2.86		1.21		4.85		1.70		.26		.16		.28		–
WARWICK	–		–		–		–		–		2.25		2.03		3.62		1.22		–		–		–		–
WASHBURN	.80	.48	1.73	1.34	–	–	.67	– .40	1.21	– .96	2.89	– .50	1.15	-1.47	4.50	2.87	1.37	.10	.46	– .46	.39	– .05	.65	.22	–
WASHBURN WATER WORKS R	.56		–		–		.78		1.21		2.81		1.34		4.16		1.53		.48		.14		.73		–
WATAUGA 8 N S OAK	.30		.95		.08		.38		1.87		5.43		2.11		6.35		1.16		1.85		.10		.50		21.08
WATFORD CITY	.81	.34	1.13	.70	.37	– .32	.64	– .53	1.38	– .61	.99	-2.16	.74	-1.26	2.47	.87	2.76	1.45	1.07	.20	.35	– .14	.47	– .06	13.18
WATFORD CITY 11 E R	–		.53		.97		–		–		1.46		.81		–		2.34		1.50		.64		.83		–
WATFORD	–		–		–		–		–		–		2.11		3.67		1.24		–		–		–		–
WESTHOPE	.83	.50	1.58	1.26	.75	.16	.96	.09	1.92	.04	1.67	-1.34	.81	-1.51	4.80	2.79	1.12	– .33	.83	.03	.23	– .32	.24	– .18	15.74
WILDROSE	.48	– .01	1.23	.77	1.00	.38	.37	– .59	2.03	.13	2.27	– .83	.19	-1.79	2.13	.32	2.59	1.40	.79	– .01	.24	– .26	.41	– .11	9.73
WILLISTON WB CITY	.75	.21	.90	.49	.26	– .43	.68	– .52	.54	-1.52	.87	-2.56	1.02	– .87	2.86	1.39	2.80	1.71	.69	– .17	.21	– .37	.55	– .03	12.13
WILLOW CITY	.35	– .20	.60	.06	.37	– .37	.68	– .28	.79	-1.12	3.00	– .05	.85	-1.44	4.31	2.27	2.51	.86	1.11	.32	.34	– .22	.30	– .30	15.21

See reference notes following Station Index.

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

—Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
R R STATION	.55	.21	.73	.34	.63	- .14	.54	- .58	1.44	- .95	2.65	- .63	1.89	- .42	8.15	6.44	1.78	.53	.48	- .47	.12	- .36	.67	.22	19.63	4.19
TH 5 E	.55	.16	.32	- .10	.53	- .28	.41	- .99	1.82	- .59	3.52	.06	-	-	-	-	1.14	- .31	1.89	.96	T	- .45	.74	.31	-	-
	-		-		-		-		-		2.91		1.94		3.73		.83		.28		.06		-		-	
	.33		.71		.56		.22		.37		1.54		.18		1.88		5.36		.85		.18		.23		12.41	
AVERAGE	.57	.09	.80	.33	.57	- .21	.81	- .61	1.15	-1.11	2.89	- .62	1.94	- .53	4.09	2.02	1.71	.18	1.04	.00	.28	- .33	.73	.25	16.58	- .54

See reference notes following Station Index.

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32 be
Almont 7 SW	98	8- 1	-29	1-29	4-24 (22°)	5-10 (28°)	6- 2 (32°)	9-23 (32°)	9-27 (24°)	9-27 (24°)	156	140	1
Amenia	95	8- 1	-33	1-29	4-22 (22°)	4-23 (27°)	4-26 (31°)	9-24 (25°)	9-24 (25°)	10-17 (24°)	178	154	1
Amidon	102	7-25	-29	1-29+	4-25 (22°)	5- 6 (28°)	6- 2 (31°)	9-24 (29°)	9-27 (20°)	9-27 (20°)	155	144	1
Arvilla State Park	97	7-24+	-34	1-29	4-24 (20°)	5-10 (25°)	5-17 (32°)	9-22 (32°)	9-24 (24°)	9-24 (24°)	153	137	1
Ashley	95	7- 6	-34	1-29	4-24 (24°)	4-24 (24°)	5-10 (29°)	9-22 (30°)	9-24 (26°)	9-28 (20°)	157	153	1
Baldhill Dam	102	7-27	-38	1-29	-	-	5-11 (30°)	-	-	-	-	-	
Beach	100	7-25	-29	1-29	4-24 (24°)	5- 6 (28°)	5-27 (32°)	9-23 (30°)	9-27 (22°)	9-27 (22°)	156	144	1
Belcourt Indian Res.	95	7-28	-38	12-18	5-10 (21°)	5-30 (27°)	5-30 (27°)	9-22 (26°)	9-22 (26°)	9-24 (20°)	137	115	1
Belfield	99	7-14+	-35	12-21	4-24 (22°)	5-10 (26°)	6- 2 (32°)	9-23 (31°)	9-24 (28°)	9-27 (21°)	156	137	1
Bishee	97	7-24+	-40	1-29	4-24 (22°)	5-10 (26°)	5-10 (26°)	9-22 (31°)	9-24 (23°)	9-24 (23°)	153	137	1
Bismarck WB City	98	7-15	-35	1-29	4-22 (21°)	4-25 (28°)	5-10 (32°)	9-24 (29°)	9-28 (22°)	9-28 (22°)	159	156	1
Bismarck WB Airport	99	7-14	-37	1-29	4-24 (23°)	4-25 (26°)	5-11 (30°)	9-22 (31°)	9-24 (28°)	9-28 (19°)	157	152	1
Bottineau	98	7-25+	-41	1-29	4-24 (19°)	4-25 (27°)	5-21 (31°)	9-22 (31°)	9-24 (24°)	9-24 (24°)	153	152	1
Bowbells	101	7-29	-34	1-29	4-23 (22°)	4-25 (28°)	6- 1 (30°)	9-22 (31°)	9-23 (26°)	9-24 (23°)	154	151	1
Bowbells 5 E	97	7-29	-38	1-29	4-24 (24°)	4-25 (28°)	6- 1 (30°)	9-22 (32°)	9-23 (27°)	9-24 (24°)	153	151	1
Bowman Court House	101	7-24	-29	12-20	4-24 (22°)	4-25 (26°)	6- 2 (31°)	9-12 (32°)	9-27 (21°)	9-27 (21°)	156	155	1
Butte	99	7-24	-33	1-29	4-23 (24°)	4-24 (25°)	5-10 (29°)	9-15 (31°)	9-24 (28°)	9-28 (23°)	158	153	1
Carrington	96	7-29	-34	1-29	4-25 (21°)	5-10 (25°)	5-10 (25°)	9-22 (31°)	9-24 (25°)	10-17 (22°)	175	137	1
Carson 2 SW	102	7-24	-32	1-29	4-24 (24°)	5-10 (26°)	6- 3 (32°)	9-22 (32°)	9-27 (26°)	9-28 (19°)	157	140	1
Cavalier	99	7-27+	-34	1-29	4-22 (22°)	4-23 (28°)	6- 1 (32°)	9-24 (24°)	9-24 (24°)	9-24 (24°)	155	154	1
Center	96	7-14+	-37	1-29	4-25 (21°)	-	-	9-24 (29°)	9-27 (20°)	9-27 (20°)	155	-	
Cooperstown	98	8- 1	-38	1-29	4-24 (24°)	5-10 (27°)	5-11 (31°)	9-22 (30°)	9-24 (24°)	9-24 (24°)	153	137	1
Crosby	104	7-28	-36	1-29	4-25 (24°)	4-25 (24°)	6- 3 (31°)	9-21 (32°)	9-23 (27°)	10-16 (23°)	174	151	1
Devils Lake WB City	97	7-24+	-38	1-29	4-23 (24°)	4-24 (25°)	5-10 (30°)	9-23 (30°)	9-24 (25°)	10-17 (20°)	177	153	1
Dickinson CAA AP	100	7-24	-28	12-16+	4-24 (21°)	4-25 (28°)	6- 2 (32°)	9-24 (29°)	9-27 (23°)	9-27 (23°)	156	155	1
Dickinson Exp. Sta.	102	7-25	-33	12-21+	4-24 (18°)	5- 6 (28°)	5-27 (32°)	9-23 (32°)	9-27 (25°)	9-28 (22°)	157	144	1
Drake	98	7-25	-37	1-29+	4-24 (24°)	4-24 (24°)	4-25 (32°)	9-23 (32°)	9-28 (25°)	10-18 (21°)	177	157	1
Dunn Center	100	8- 2	-36	12-22	5-10 (23°)	5-21 (28°)	5-27 (29°)	9-16 (32°)	9-27 (26°)	9-28 (20°)	141	129	1
Dunseith St. San.	96	7-28	-38	1-29	4-24 (24°)	4-24 (24°)	5-21 (32°)	9-22 (31°)	9-24 (24°)	9-24 (24°)	153	153	1
Eckman	99	7-28	-	-	-	-	5-30 (32°)	9-24 (20°)	9-24 (20°)	9-24 (20°)	-	-	1
Edgeley Exp. Farm	95	7-25	-35	1-29	4-23 (24°)	4-24 (25°)	5-10 (30°)	9-22 (28°)	9-22 (28°)	9-24 (23°)	154	151	1
Edmore 1 W	96	7-24+	-40	1-29	4-22 (18°)	5-10 (28°)	6- 1 (31°)	9-22 (25°)	9-22 (25°)	9-24 (20°)	155	135	1
Elbowoods	102	7-24	-43	1-29	-	-	-	9-16 (30°)	9-27 (28°)	9-28 (21°)	-	-	
Ellendale	98	8- 1	-30	1-29	4-22 (23°)	4-24 (28°)	4-25 (30°)	9-22 (31°)	9-24 (28°)	9-28 (24°)	159	153	1
Epping	105	7-28	-36	1-29	4-24 (23°)	4-25 (27°)	6- 1 (32°)	9-21 (32°)	9-23 (23°)	9-23 (23°)	152	151	1
Fargo WB Airport	94	8- 1	-36	1-29	4-22 (20°)	4-23 (28°)	5-10 (30°)	9-23 (29°)	9-24 (25°)	10-19 (23°)	180	154	1
Fessenden	94	7-24	-35	1-29	-	5-10 (28°)	5-10 (28°)	9-22 (-)	9-24 (28°)	10-18 (21°)	-	137	1
Forman	96	7-25+	-39	1-29	4-22 (22°)	4-23 (28°)	5-10 (32°)	9-22 (30°)	9-24 (27°)	10-19 (24°)	180	154	1
Fort Yates	98	7-24	-35	1-29	4-24 (22°)	5-10 (28°)	5-11 (29°)	9-24 (29°)	9-28 (17°)	9-28 (17°)	157	141	1
Foxholm Wildlife Re.	101	7-28	-35	1-29	4-24 (19°)	4-25 (28°)	5-10 (30°)	9-22 (31°)	9-24 (24°)	9-24 (24°)	153	152	1
Fullerton	101	8- 1	-34	1-29	4-22 (23°)	4-23 (26°)	5-10 (31°)	9-24 (27°)	9-24 (27°)	9-28 (23°)	159	154	1
Gackle	94	7-24+	-37	1-29	4-21 (24°)	4-24 (27°)	5-10 (31°)	9-22 (29°)	9-23 (27°)	10-19 (24°)	181	152	1
Garrison	99	7-24+	-34	1-29	4-24 (23°)	4-24 (23°)	5-10 (32°)	9-23 (31°)	9-28 (23°)	9-28 (23°)	157	157	1
Grafton State School	101	7-24	-37	1-29	4-22 (22°)	4-24 (25°)	5-10 (30°)	9-22 (32°)	9-24 (22°)	9-24 (22°)	155	153	1
Grand Forks CAA AP	99	7-24	-36	1-29	4-22 (22°)	5-10 (26°)	5-10 (26°)	9-23 (30°)	9-24 (25°)	10-17 (22°)	178	137	1
Grand Forks Univ.	97	7-28	-34	1-29	4-22 (22°)	5-10 (28°)	5-10 (28°)	9-24 (24°)	9-24 (24°)	9-24 (24°)	155	137	1
Grand Rapids 1 N	96	8- 1	-37	1-29	4-23 (24°)	4-24 (26°)	5-10 (30°)	9-24 (22°)	9-24 (22°)	9-24 (22°)	154	153	1
Granville	99	7-24+	-37	1-29	4-24 (20°)	5-11 (28°)	5-21 (32°)	9-23 (29°)	9-24 (24°)	9-24 (24°)	153	136	1
Grenora	-	-	-	-	4-24 (20°)	4-25 (26°)	6- 1 (32°)	9-23 (26°)	9-23 (26°)	9-25 (23°)	154	151	1
Hankinson RR Sta.	94	7-26+	-31	1-30	4-23 (23°)	6- 1 (28°)	6- 1 (28°)	9-24 (30°)	10-17 (28°)	10-19 (23°)	179	138	1
Hannah	94	7-24	-38	1-29	4-23 (24°)	5-10 (25°)	6- 1 (30°)	9-22 (29°)	9-24 (20°)	9-24 (20°)	154	137	1
Hanshoro	98	7-24	-41	1-29	4-24 (21°)	5-12 (28°)	6- 1 (31°)	9-22 (28°)	9-22 (28°)	9-24 (23°)	153	133	1
Hettinger	98	7-14+	-28	1-29+	4-22 (15°)	4-24 (28°)	6- 2 (31°)	9-27 (25°)	9-27 (25°)	9-28 (23°)	159	156	1
Hillsboro	99	8- 1	-34	1-29	4-22 (20°)	4-25 (28°)	5-10 (30°)	9-24 (23°)	9-24 (23°)	9-24 (23°)	155	152	1
Jamestown CAA AP	97	8- 1	-36	1-29	4-23 (23°)	5-10 (26°)	5-11 (30°)	9-22 (30°)	9-23 (25°)	9-24 (23°)	154	136	1
Jamestown State Hosp.	99	8- 1	-34	1-29	4-22 (21°)	4-24 (28°)	5-11 (31°)	9-22 (29°)	9-24 (24°)	9-24 (24°)	155	153	1
Kenmare	-	-	-36	1- 6	4-23 (23°)	4-24 (25°)	6- 1 (32°)	9-23 (28°)	9-23 (28°)	10-17 (24°)	177	152	1
Kensal Wildlife Re.	99	8- 1	-36	1-29	4-24 (22°)	5-10 (25°)	5-12 (32°)	9-22 (27°)	9-22 (27°)	9-24 (21°)	153	135	1
Langdon Exp. Farm	96	7-24	-38	1-29	4-22 (18°)	5-10 (25°)	6- 1 (29°)	9-22 (30°)	9-24 (19°)	9-24 (19°)	155	137	1
Larimore	98	7-28	-34	1-29	-	-	5-10 (30°)	9-23 (32°)	9-24 (26°)	10-17 (22°)	-	-	1
Leeds	98	7-25+	-39	1-29	4-24 (23°)	5-10 (26°)	5-10 (26°)	9-22 (32°)	9-24 (23°)	9-24 (23°)	153	137	1
Linton	98	7-24	-43	1-29	4-23 (20°)	5-11 (28°)	5-11 (28°)	9-16 (32°)	9-28 (19°)	9-28 (19°)	158	140	1
Lishon	105	7-25	-40	1-29	-	5-11 (27°)	5-22 (31°)	9-16 (32°)	9-24 (22°)	9-24 (22°)	-	136	1
Lostwood 12 N	98	7-27	-	-	-	-	6- 3 (32°)	9-21 (32°)	9-23 (23°)	9-23 (23°)	-	-	1
Maddock Agr. School	98	7-28	-37	1-29	4-23 (24°)	5-10 (28°)	5-30 (32°)	9-22 (31°)	10- 7 (23°)	10- 7 (23°)	167	150	1
Mandan Exp. Station	98	8- 2	-33	1-29	4-24 (24°)	4-25 (28°)	5-11 (31°)	9-22 (32°)	9-24 (28°)	9-28 (20°)	157	152	1
Mandan Fort Lincoln	101	7-14	-33	1-29+	4-24 (24°)	4-25 (28°)	5-10 (30°)	9-22 (32°)	9-24 (28°)	9-27 (23°)	156	152	1
Marmarth	102	7-24	-35	12-21	4-25 (23°)	5-27 (28°)	5-27 (28°)	9-16 (30°)	9-27 (24°)	9-27 (24°)	155	123	1
Max	-	-	-39	1-28	4-23 (24°)	4-24 (28°)	4-24 (28°)	9-23 (32°)	9-24 (28°)	10-18 (24°)	178	153	1
Mayville	99	8- 1	-33	1-29	4-22 (22°)	5-10 (28°)	5-11 (31°)	9-24 (25°)	9-24 (25°)	10-17 (23°)	178	137	1
McClusky	97	7-24+	-38	1-29	4-24 (24°)	4-24 (24°)	4-25 (31°)	9-23 (32°)	9-28 (-)	-	-	157	1
McHenry 5 N	96	7-14+	-39	1-29	4-24 (23°)	5-10 (27°)	5-10 (27°)	9-22 (29°)	9-24 (22°)	9-24 (22°)	153	137	1
McLeod 3 E	95	7-14+	-38	1-29	4-23 (22°)	4-24 (28°)	5-11 (30°)	9-22 (30°)	9-24 (24°)	9-24 (24°)	154	153	1
Medora 4 NNE	102	7-24	-38	12-21	5-10 (24°)	5-27 (27°)	5-27 (27°)	9-16 (31°)	9-27 (25°)	9-28 (19°)	141	123	1
Minot CAA AP	100	7-24	-34	1-29	4-24 (24°)	4-24 (24°)	5-10 (31°)	9-23 (28°)	9-23 (28°)	10-18 (21°)	177	152	1
Minot Exp. Farm	99	7-24	-35	1-29	4-24 (24°)	4-24 (24°)	5-10 (30°)	9-23 (32°)	9-24 (26°)	9-28 (23°)	157	153	1
Mohall	100	7-28	-37	1-29	4-23 (24°)	4-24 (25°)	4-25 (30°)	9-23 (28°)	9-23 (28°)	9-24 (23°)	154	152	1
Mott	100	7-24	-36	12-16+	5-10 (24°)	5-10 (24°)	6- 2 (32°)	9-16 (31°)	9-27 (25°)	9-28 (17°)	141	140	1
Munich 4 SW	96	7-24	-42	1-29	4-23 (24°)	5-10 (28°)	6- 1 (31°)	9-22 (28°)	9-22 (28°)	9-24 (20°)	154	135	1
Napoleon 1 SE	94	8- 1	-37	1-29+	4-23 (24°)	4-25 (28°)	5-11 (31°)	9-22 (29°)	9-24 (25°)	9-28 (17°)	158	152	1
New England	101	7-24	-34	12-21	4-24 (22°)	5-10 (28°)	6- 3 (32°)	9-16 (32°)	9-27 (23°)	9-27 (23°)	156	140	1
New Salem 1 S	100	8- 1	-33	1-29	4-24 (23°)	4-24 (23°)	6- 2 (31°)	9-24 (27°)	9-24 (27°)	-	-	153	1
Oakes	94	8- 2	-36	1-29	4-23 (22°)	4-23 (22°)	6- 2 (32°)	9-22 (29°)	9-24 (27°)	9-28 (22°)	158	154	1
Park River	98	7-24	-35	1-29	4-22 (23°)	4-24 (26°)	5-10 (29°)	9-22 (32°)	9-24 (26°)	9-25 (23°)	156	153	1
Parshall	100	7-24+	-38	1-29	4-25 (24°)	5-27 (27°)	5-27 (27°)	9-16 (32°)	9-24 (25°)	9-28 (22°)	156	120	1
Pembina 2 N	98	7-28	-36	2-12	4-22 (24°)	5- 9 (27°)	5- 9 (27°)	9-24 (22°)	9-24 (22°)	9-24 (22°)	155	138	1
Petersburg	97	7-14+	-36	1-29	4-19 (22°)	4-24 (25°)	5-10 (29°)	9-22 (30°)	9-24 (23°)	9-24 (23°)	158	153	1
Pettibone	96	7-24	-41	1-29	4-23 (22°)	4-24 (26°)	5-10 (31°)	9-22 (31°)	9-24 (26°)	9-28 (24°)	158	153	1
Portal	100	7-29	-36	1-29	4-23 (24°)	4-25 (28°)	6- 1 (31°)	9-21 (32°)	9-23 (25°)	10-16 (24°)	176	151	1
Powers Lake 1 N	100	7-28	-36	1-29	-	-	6- 1 (30°)	9-21 (32°)	9-23 (25°)	9-25 (24°)	-	-	
Richardton Abbey	100	8- 1	-27	1-28+	4-22 (17°)	4-24 (27°)	6- 2 (31°)	9-24 (30°)	9-27 (25°)	9-28 (21°)	159	156	1
Riverdale	97	8- 1	-35	1-29	4-24 (24°)	4-24 (24°)	5-10 (32°)	9-24 (31°)	9-28 (22°)	9-28 (22°)	157	157	1
Rolla	97	7-24	-38	1-29	-	-	-	9-22 (30°)	9-24 (25°)	9-25 (22°)	-	-	
Rugby	97	7-24	-38	1-28	4-24 (24°)	4-24 (24°)	5-10 (32°)	9-23 (32°)	9-24 (24°)	9-24 (24°)	153	153	1
Sanisb	103	7-28+	-42	1-29	5-10 (24°)	5-10 (24°)	5-27 (30°)	9-16 (32°)	9-25 (26°)	9-28 (24°)	141	138	1

See reference notes following Station Index

TEMPERATURE EXTREMES AND FREEZE DATA

—Continued.

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
	95	8- 1	-36	1-29	4-23 (24°)	4-24 (26°)	5-10 (31°)	9-22 (32°)	9-23 (26°)	9-24 (24°)	154	152	135
y	102	7-28	-37	1-29	4-24 (22°)	4-25 (28°)	5-10 (29°)	9-22 (31°)	9-23 (27°)	9-25 (23°)	154	151	135
	104	7-28	-40	1-29	4-24 (23°)	4-25 (25°)	5-10 (29°)	9-21 (32°)	9-24 (24°)	9-24 (24°)	153	152	134
	98	7-24+	-43	1-29	4-24 (23°)	5-10 (28°)	5-10 (28°)	9-23 (28°)	9-23 (28°)	9-24 (20°)	153	136	138
Lake	96	7-24	-41	1-29	4-22 (19°)	4-24 (25°)	5-11 (31°)	9-23 (31°)	9-28 (24°)	9-28 (24°)	159	157	135
ood 12 W	98	7-23+	-39	1-29	4-24 (20°)	4-25 (26°)	5-27 (31°)	9-22 (32°)	9-28 (24°)	9-28 (24°)	157	156	118
3 N	100	7-28	-42	1-29	4-24 (23°)	4-25 (28°)	5-30 (31°)	9-23 (28°)	9-23 (28°)	9-24 (21°)	153	151	116
City	96	8- 1	-35	1-29	4-22 (22°)	5-11 (27°)	5-11 (27°)	9-24 (24°)	9-24 (24°)	9-24 (24°)	155	136	136
ok	101	7-24	-37	1-29	4-24 (21°)	4-25 (27°)	5-10 (30°)	9-21 (31°)	9-23 (28°)	10-22 (20°)	181	151	134
	96	7-24+	-33	1-29	4-24 (22°)	4-24 (22°)	5-10 (29°)	9-24 (27°)	9-24 (27°)	10-18 (20°)	177	153	137
on State School	93	7-25	-35	1-29	4-22 (22°)	4-22 (22°)	5-10 (29°)	9-24 (28°)	9-24 (28°)	10-23 (24°)	184	155	137
rn	98	7-14	-34	12-18	4-24 (24°)	4-24 (24°)	5-10 (32°)	9-23 (32°)	9-28 (23°)	9-28 (23°)	157	157	136
d City	102	7-27+	-33	12-21	4-24 (21°)	5-10 (27°)	5-10 (27°)	9-23 (26°)	9-23 (26°)	9-28 (23°)	157	136	136
pe	98	7-24+	-40	1-29	4-23 (24°)	4-24 (25°)	4-26 (30°)	9-23 (26°)	9-23 (26°)	9-24 (24°)	154	152	150
ton WB City	100	7-27	-34	1-29	4-22 (18°)	4-24 (25°)	6- 1 (31°)	9-23 (28°)	9-23 (28°)	10-16 (24°)	177	152	114
City	98	7-24+	-42	1-29	4-29 (22°)	5-10 (26°)	5-30 (31°)	9-22 (29°)	9-24 (23°)	9-24 (23°)	148	137	115
RR Station	97	7-15	-33	1-29	4-23 (22°)	4-24 (26°)	5-10 (32°)	9-22 (29°)	9-28 (21°)	9-28 (21°)	158	157	135
	-	-	-37	12-17	4-25 (24°)	5-11 (25°)	5-11 (25°)	9-24 (32°)	9-28 (20°)	9-28 (20°)	156	140	136

TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
S 5 E	EVAP	-	-	-	-	-	5.63	9.44	5.75	3.56B	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	-	2519	3059	2418	2907	2554	-	-	-
LAKE WBC	EVAP	-	-	-	1.52B	7.24	4.95	8.10	5.24B	2.99B	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	1936	1B90	1310	1358	1224	1436	-	-	-	-
ON EXP STATION a	EVAP	-	-	-	-	6.63B	4.86B	6.89	6.92B	3.41	-	-	-	-
	DEP	-	-	-	-	1.02	+1.23	-1.08	- .33	-1.57	-	-	-	-
	WIND	-	-	-	-	3625	3455	3460	3460	2320	-	-	-	-
EXP FARM	EVAP	-	-	-	3.44B	6.52B	5.22B	7.34B	5.65B	3.28B	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	4062B	2532B	-	-	-	19B8B	-	-	-	-
EXP STATION a	EVAP	-	-	-	-	5.64	4.47	6.19	4.77	2.87	-	-	-	-
	DEP	-	-	-	-	.30	+1.46	-1.14	-1.80	-1.64	-	-	-	-
	WIND	-	-	-	-	3735	3384	2933	3038	3290	-	-	-	-
LE	EVAP	-	-	-	4.32B	8.65	7.33B	9.29	7.20B	4.27B	2.41B	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	4273B	4359	3353	3058	3029	2BB8B	3335	-	-	-

6 feet in diameter; 24 inches deep; in ground 20 inches.

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Years of record: Temp.	Years of record: Precip.	Years of record: Evap.	Opened or closed during yr.: Month opened	Opened or closed during yr.: Month closed	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	98 06	-		-				2
Alexander	0096	McKenzie	13	47 50	103 38	2200		10				2
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	9	9				1 2 3
Alpha 1 S	0149	Golden Valley	7	46 37	103 49	-		25			June	2
Ambrose	0189	Divide	12	48 58	103 28	2060		1				2
Amenia	0196	Cass	11	47 00	97 13	960	2	2				1 2 3
Amidon	0209	Slope	1	46 30	103 19	2910	30	30				1 2 3
Antler	0263	Bottineau	12	48 58	101 20	1548		1				2
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	8	8				1 2 3
Ashley	0382	McIntosh	8	46 02	99 22	2025	56	56				1 2 3
Baldhill Dam	0450	Barnes	11	47 02	98 05	1300	4	4				1 2 3
Balfour	0492	McHenry	12	47 57	100 32	1615		11				2
Baltm	0500	Pierce	11	48 10	100 02	-		1				2
Bantry	0516	McHenry	12	48 30	100 36	-		1				2
Beach	0590	Golden Valley	7	46 55	104 01	2814	-	-				1 2 3
Belcourt Indian Res.	0626	Rolette	9	48 50	98 45	1960	7	7				1 2 3
Belfield	0639	Stark	4	48 52	103 11	2592	34	34				1 2 3
Berthold	0729	Ward	12	48 19	101 44	2080		1				2
Beulah	0766	Mercer	6	47 16	101 47	1780		37				2
Bisbee	0796	Towner	2	48 37	99 22	1600	49	49				1 2 3
Bismarck WB City	0814	Burleigh	8	46 48	100 48	1670	77	77				1 2 3
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	12	12				1 2 3
Bottineau	0941	Bottineau	12	48 50	100 27	1638	60	80				1 2 3
Bowbells	0961	Burke	12	48 48	102 15	1953	26	26				1 2 3
Bowbells 5 E	0966	Ward	12	48 47	102 08	1925	1	1	1			1 2 3 4
Bowman Court House	0985	Bowman	3	46 11	103 23	2872	37	37				1 2 3
Bowman 11 SE	0998	Bowman	3	46 04	103 19	-				Feb.		2
Bowman 30 NNW	1001	Slope	8	46 35	103 31	-				Feb.		2
Breien	1052	Morton	1	46 24	100 57	1720		-				2
Buchanan	1124	Stutsman	5	47 04	98 49	-				May		2
Burt 16 N	1216	Hettinger	1	46 36	102 08	-				Apr.		2
Butte	1225	McLean	12	47 50	100 40	1880	27	27				1 2 3
Cando	1288	Towner	2	48 29	99 12	-		1				2
Carrington	1360	Foster	5	47 27	99 08	1579	54	54				1 2 3
Carson	1365	Grant	4	46 25	101 34	2300		2				2
Carson 2 SW	1370	Grant	4	46 23	101 35	2500	40	40				1 2 3
Cavalier	1435	Pembina	9	48 48	97 37	894	16	44				1 2 3
Center	1456	Oliver	8	47 07	101 18	2100	14	14				1 2 3
Colgate	1686	Steele	10	47 14	97 39	1180		18				2
Columbus	1698	Burke	12	48 54	102 47	1930		1				2
Cooperstown	1766	Griggs	11	47 26	98 07	1428	55	55				1 2 3
Courtenay	1816	Stutsman	5	47 13	98 34	1523		18				2
Crosby	1871	Divide	12	48 54	103 18	1954	45	45				1 2 3
Dawson	2018	Kidder	8	46 52	99 45	1730		11				2
Devils Lake WB City	2158	Ramsey	2	48 07	98 52	1471	47	76	1			1 2 3 4
Dickinson CAA AP	2183	Stark	4	46 48	102 48	2587	11	11				1 2 3
Dickinson Exp. Station	2186	Stark	4	46 53	102 48	2460	60	60				1 2 3 4
Donnybrook	2242	Ward	12	48 31	101 53	1760		1				2
Drake	2298	McHenry	12	47 55	100 22	1634	22	22				1 2 3
Dunn Center	2365	Dunn	6	47 21	102 37	2191	53	53				1 2 3
Dunseith St. Sanitarium	2385	Bolette	12	48 50	100 02	2001	56	58		Sep.		1 2 3
Eckman	2472	Bottineau	12	48 38	101 03	1500	48	46				1 2 3
Edgeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	51	51	-			1 2 3 4
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1524	28	28				1 2 3
Elbowoods	2570	McLean	8	47 35	102 09	2082	59	59				1 2 3
Elgin 5 S	2592	Grant	1	46 21	101 49	-		1				2
Ellendale	2605	Dickey	5	46 00	98 31	1460	53	53				1 2 3
Epping	2735	Williams	8	48 18	103 21	2224	43	43				1 2 3
Esmond	2767	Benson	11	48 02	99 46	1650		2				2
Fairfield 8 N	2809	Billings	7	47 19	103 12	2650		24				2
Fargo WB Airport	2859	Cass	10	46 54	96 48	895	71	71				1 2 3
Fessenden	2949	Wells	5	47 39	99 37	1610	40	40				1 2 3
Flasher	3009	Morton	1	46 27	101 14	1930		2				2
Flaxton	3019	Burke	12	48 54	102 23	1940		1				2
Forbes 13 NW	3064	Dickey	5	46 04	98 56	-				May		2
Forman	3117	Sargent	10	46 06	97 38	1249	60	60				1 2 3
Fort Yates	3207	Sioux	8	46 06	100 38	1640	52	52				1 2 3
Foxholm Wildlife Refuge	3217	Ward	12	48 27	101 33	1609	27	31				1 2 3
Fryburg	3277	Billings	4	46 53	103 18	2790		2				2
Fullerton	3287	Dickey	5	46 10	98 25	1439	54	54				1 2 3
Gackle	3309	Logan	5	46 38	99 08	1951	21	21				1 2 3
Garrison	3376	McLean	8	47 38	101 25	1911	75	75				1 2 3
Gladstone 22 N	3446	Dunn	6	47 11	102 39	-					Aug.	2
Glen Ullin	3496	Morton	4	46 49	101 49	2090		11				2
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	-		1				2
Golden Valley 10 S	3529	Mercer	8	47 10	102 03	-		1				2
Golva 1 SE	3556	Golden Valley	7	46 47	103 57	2780	11	11				2
Grace City	3583	Foster	5	47 33	98 48	-				May		2
Grafton State School	3594	Walsh	10	48 25	97 26	827	60	60				1 2 3
Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 05	834	11	11				1 2 3
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	61	61				1 2 3
Grand Rapids 1 N	3665	La Moure	5	46 29	98 21	1360	1	1				1 2 3
Grano	3676	Renville	12	48 37	101 35	1625		-				2
Granville	3686	McHenry	12	48 16	100 51	1504	45	45				1 2 3
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660		1				2
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	-		1				2
Grenora	3786	Williams	8	48 37	103 46	2114	43	43				1 2 3
Baley	3736	Bowman	3	48 58	103 08	-		1				2
Halliday	3846	Dunn	6	47 21	102 20	2073		10				2
Hankinson RR Station	3906	Richland	10	46 04	96 54	1068	23	23				1 2 3
Hannaford	3926	Griggs	11	47 18	98 12	1428		11				2
Hannah	3936	Cavalier	9	48 59	98 41	1570	58	58				1 2 3
Hansboro	3983	Towner	9	48 57	99 23	1597	44	44				1 2 3
Harvey 3 NE	4013	Wells	11	47 45	99 53	1596		49				2
Haynes 6 NE	4073	Adams	1	46 01	102 24	2640		2				2
Hazelton RR Station	4083	Emmons	8	46 29	100 17	1978		11				2
Hettinger	4178	Adams	3	46 00	102 38	2680	45	45				1 2 3
Hettinger 17 N	4186	Adams	1	46 15	102 39	-				Feb.		2
Hillsboro	4203	Traill	10	47 24	97 04	901	46	46				1 2 3
Hurdsfield	4343	Wells	5	47 27	99 55	1915		11				2
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1497	11	11				1 2 3
Jamestown State Hospital	4418	Stutsman	5	46 53	98 40	1457	60	60				1 2 3
Keene	4571	McKenzie	8	48 00	102 55	-		1				2
Kenmare	4646	Ward	12	48 40	102 05	1800	20	20				1 2 3
Kensal Wildlife Refuge	4656	Stutsman	5	47 15	98 52	1440	11	11				1 2 3
Killdeer 8 NW	4726	Dunn	7	47 26	102 53	2240		1				2
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1457		12				2
Kulm	4843	La Moure	5	46 18	98 57	1970				May		2
Langdon Exp. Farm	4958	Cavalier	9	48 45	98 21	1615	56	56				1 2 3
Lansford	5002	Bottineau	12	48 38	101 22	1600		1				2
Larimore	5013	Grand Forks	10	47 55	97 38	1134	59	59				1 2 3
Leeds	5078	Benson	2	48 17	99 26	1515	11	11				1 2 3
Lefor 10 E	5088	Stark	4	46 38	102 21	2580		1				2
Linton	5210	Emmons	8	46 16	100 14	1711	35	35				1 2 3
Lisbon	5220	Ransom	11	46 26	97 41	1091	48	48				1 2 3
Litchville	5230	Barnes	11	46 39	98 11	-				May		2
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	1			Apr.		1 2 3
Maddock Agri. School	5434	Benson	11	47 58	99 30	1604	37	37				1 2 3
Mandan Exp. Station	5479	Morton	4	46 48	100 54	1750	38	38	-			1 2 3 4
Mandan Fort Lincoln Park	5484	Morton	8	46 47	100 52	1700	8	8				1 2 3
Manning	5519	Dunn	6	47 14	102 46	-		9		Sep.		
Warmorth	5573	Slope	7	46 18	103 55	2714	39	43				
Warmarth M O U Co.	5575	Slope	7	46 18	103 55	2710		1				
Wartin	5610	Sheridan	11	47 50	100 07	1610		2				
Wax	5638	McLean	8	47 49	101 17	2093	23	23				
Wayville	5880	Traill	10	47 30	97 19	875	56	58				
WcClusky	5710	Sheridan	8	47 29	100 29	1943	27	34				
WcGregor RR Station	5720	Williams	8	48 36	102 56	-		11				
WcHenry 5 N	5730	Eddy	11	47 38	98 35	1508	29	28				
WcLeod 3 E	5754	Richland	11	46 24	97 14	1075	40	40				
WcVille	5764	Nelson	10	47 46	98 11	1467		8				
Wedina 1 W	5798	Stutsman	8	46 53	99 18	-		11				
Wedora	5803	Billings	7	46 55	103 31	2270					June	
Wedora 4 NNE	5813	Billings	7	48 58	103 30	2250	-	-				
Wedora 11 N	5818	Billings	7	47 04	103 32	-					Aug.	
Welville	5833	Foster	5	47 20	99 02	1625		2				
Winot CAA AP	5988	Ward	12	48 15	101 17	1724	56	56				
Winot Exp. Farm	5993	Ward	12	48 10	101 18	1720	6	6				
Woffit 4 SE	6015	Burleigh	8	46 40	100 14	1760		9				
Wohall	6025	Renville	12	48 48	101 31	1638	58	58				
Wontpelier	6105	Stutsman	5	48 42	98 35	-		11				
Wott	6155	Hettinger	1	46 23	102 20	2420	45	45				
Wunich 4 SW	6195	Cavalier	2	48 38	98 53	1598	4	4				
Napoleon 1 SE	6255	Logan	8	46 28	99 45	1955	80	60				
New England	6315	Hettinger	1	46 33	102 52	2621	60	60				
New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550		2				
New Salem 1 S	6365	Morton	4	46 50	101 25	2183	48	48				
Noonan	6455	Olvide	12	48 53	103 01	1960		1				
Northgate	6535	Burke	12	49 00	102 16	1850		1				
Nortonville	6565	La Moure	5	46 33	98 44						Apr.	
Oakes	6620	Dickey	5	46 08	98 05	1320	23	23				
Oark River	6857	Walsh	10	48 23	97 45	888	48	48				
Parshall	6867	Mountrail	8	47 57	102 08	1929	20	37				
Pembina 2 N	6947	Pembina	10	49 00	97 14	790	78	78				
Petersburg	7027	Nelson	10	48 01	98 00	1524	8	21				
Pettibone	7047	Kidder	8	47 07	99 31	1880	43	43				
Pingree	7117	Stutsman	5	47 10	98 54	1572					Apr	
Portal	7201	Burke	12	49 00	102 33	1954	38	38				
Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	26	47				
Pretty Rock	7311	Grant	1	46 11	101 51	-		11				
Raub	7405	McLean	8	47 44	102 04	-		11				
Reeder	7450	Adams	3	46 06	102 57	2810		1				
Reeder 14 N	7452	Slope	1	46 19	102 57	2860		2				
Richardton Abbey	7530	Stark	4	46 53	102 18	2467	38	36				
Riverdale	7585	McLean	8	47 30	101 21	1810	-	-	-			
Rolette	7655	Rolette	12	48 40	99 50	1625		2				
Rolla	7664	Rolette	9	48 52	99 37	1860	14	14				
Rugby	7704	Pierce	12	48 22	100 00	1560	4	23				
Ryder	7749	Ward	8	47 55	101 40	2108		23				
San Haven	7824	Rollette	12	48 50	100 02	2001					Sep	
Sanish	7834	Mountrail	8	47 59	102 32	1835	26	26				
Sarles	7844	Cavalier	8	48 57	98 00	1585		11				
Scranton	7932	Bowman	3	46 09	103 09	-					Feb.	
Selfridge 11 W	7952	Sioux	8	46 01	101 10	2183		15				
Sentinel Butte 20 S	7978	Golden Valley	7	46 37	103 49	-					June	
Sharon	7986	Steele	10	47 36	97 54	1516	25	28				
Sherwood 3 N	8047	Renville	12	49 00	101 38	1647		4				
Sheyenne	8057	Eddy	11	47 50	99 07	1500		-				
Shield	8065	Grant	1	46 14	101 07	-		1				
Stanley	8276	Mountrail	8	48 19	102 24	2260	14	14				
Steele	8366	Kidder	8	46 51	99 55	1857	58	58				
Sykeston	8608	Wells	5	47 28	99 24	1653					Apr.	
Tagus	8627	Mountrail	12	48 20	101 56	2179		23				
Tioga	8737	Williams	8	48 24	102 56	2279		23				
Tolley 4 NE	8764	Renville	12	48 46	101 47	-		1				
Towner	8792	McHenry	12	48 21	100 24	1482	50	50				
Trotters 6 WNW	8807	McKenzie	13	47 21	104 01	2420		26				
Trotters 3 S	8812	Golden Valley	13	47 17	103 54	2420		2				
Turtle Lake	8840	McLean	8	47 31	100 53	1899	38	38				
Tuttle	8850	Kidder	8	47 08	100 00	1880		43				
Underwood 12 W	8877	McLean	8	47 26	101 24	1750	27	40				
Upham 3 N	8913	McHenry	12	48 37	100 44	1425	11	11				
Valley City	8937	Barnes	11	46 55	98 00	1229	47	47				
Van Hook	8970	Mountrail	8	47 57	102 21	1864	11	11				
Velva	8990	McHenry	12	48 03	100 55	1511	25	25				
Veronn	9035	La Moure	5	46 22	98 04	-		11				
Wahpeton Power Plant	9095	Richland	10	46 17	96 36	962		11				
Wahpeton State School	9100	Richland	10	46 16	96 36	962	60	60				
Walhalla	9155	Pembina	9	48 55	97 55	950		11				
Warwick	9185	Benson	11	47 51	98 42	-					May	
Washburn	9185	McLean	8	47 17	101 02	1731	49	49				
Washburn Water Works	9205	McLean	8	47 17	101 02	1730		1				
Watauga 8 N. S. Oak.	9218	Grant	1	46 02	101 34	-		1				
Watford City	9233	McKenzie	8	47 48	103 17	2084	39	39				
Watford City 11 E	9238	McKenzie	8	47 47	103 02	-		1				
Watford City 20 SE	9246	McKenzie	8	47 35	103 07	-					June	
Westhope	9333	Bottineau	12	48 55	101 01	1508	48	46				
Wildrose	9400	Williams	8	48 38	103 10	2258		22				
Williston WB City	9423	Williams	8	48 09	103 37	1877	73	73				
Willow City	9445	Bottineau	12	48 36	100 17	1471	60	60				
Wilton RR Station	9455	McLean	8	47 09	100 48	2159	17	17				
Wisbek	9515	McIntosh	8	46 16	99 34	2010	31	31				
Woodworth 5 E	9575	Stutsman	5	47 09	98 12	-					May	
Zahl	9635	Williams	8	48 34	103 41	2000		1				

† Drainage Code: 1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Pembina 10. Red 11. Sheyenne 12. Souris 13. Yellowstone

CHANGES IN STATION NAMES

l Butte 20 S: listed as Alpha 1 S prior to June 1. Raio gage moved 100 feet south.

en: listed as Duoseith State Sanitarium prior to September 17. Equipment moved 150 feet northwest.

RELOCATIONS OR CHANGES IN EXPOSURE OF INSTRUMENTS

er: Rain gage moved 3/4 mile north on August 1.

: Rain gage moved 1 block east and 1 block south oo July 11. Gage moved 2 blocks east on August 9.

Equipment moved 1 block east and 2 blocks south on July 25.

Equipment moved 1 1/2 blocks north on June 20.

r: Equipment moved 3 blocks south aod 3 blocks east on May 17.

Shelter moved 60 feet south on July 1.

ook: Rain gage moved 1 1/2 blocks north on April 16.

Equipmeot moved 20 feet northb on Juoe 19.

th: Raio gage moved 300 feet north oo March 30.

lin 13 N: Rain gage moved 5 miles south oo April 10.

er: Equipmeot moved 2 1/2 blocks west and 3 blocks north oo Juoe 4.

5 SE: Rain gage moved 100 feet northb on August 18.

l: Raio gage moved 2 hlocks north and 2 1/2 blocks west on May 1.

e: Equipment moved 2 blocks south aod 3 1/2 blocks west on May 17.

Rain gage moved 0.2 mile oorth and 0.2 mile east on October 5.

l SE: Rain gage moved 1 mile south aod 3 miles east oo July 3.

and Equipmeot moved 1 hlock north and 31/2 blocks east April 12.

Equipment moved 4 blocks east-northeast on May 1.

e: Raio gage moved 2 blocks northb aod 1 block west oo October 4.

Equipment moved 2 blocks north on November 9.

s 6 WNW: Raio gage moved 6 miles west-northwest on July 1.

Rain gage moved 8 miles northeast on November 7.

l: Rain gage moved 2 blocks southb and 1 block west on May 16.

l: Equipment moved 2 blocks east and 2 blocks south on August 1.

REFERENCE NOTES

tberwise indicated, dimensional units used io tbis bulletin are: Temperature in °F; precipitation and evaporation io ioches, aod wind movement io Evaporatioo is measured in the staodard Weather Bureau type pan of 4 foot diameter uoless otherwise sbowo by footnote followiog Table 4.

digit identification numbers io tbe Index are assigned oo a state hasis. There will be oo duplication of numbers withio a state.

and letters following tbe statioo oame, sucb as 12 SSW, iodicate distance in miles aod direction from the post office.

data and corrections will be carried in tbe Juoe aod December issues of Climatological Data.

No record.

Also later date (dates) or months.

Amount included in following measurement.

Gage is equipped witb a wiodshield.

Adjusted to full month.

Water equivalent of snowfall wbolly or partially estimated, usiog a ratio of 1 inch of water equivalent to every 10 inches of new snowfall.

l to 9 days' record missing; see mootbly Climatological Data for detailed daily record.

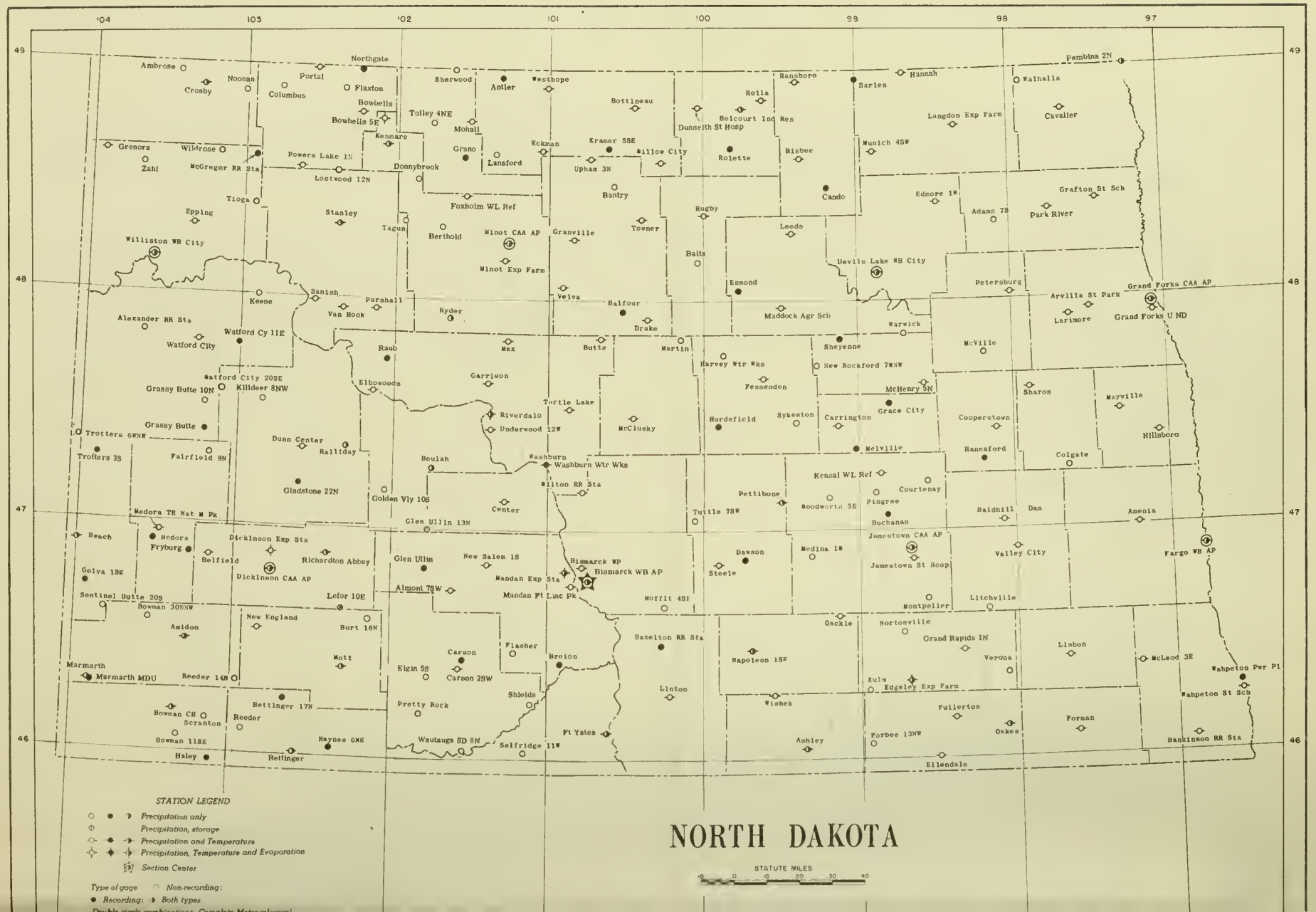
Station equipped witb a recordiog gage only.

Trace, an amount too small to measure.

Iocludes total for previous mooth.

tion Price: 15 cents per copy, montbly and aooual; $1.50 per year. (Yearly subscription iocludes tbe Annual Summary.) Checks aod money orders e made payable to tbe Treasurer of tbe United States. Remittances aod correspoodence regarding suhscriptioos should be seot to tbe Superintendeot eots, Goveroment Printiog Office, Washiogton 25, D. C.

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104
103
102
101
100
99
98
97
49
48
47
46
Ambrose
Northgate
Pembina 2N
Noonan
Portal
Crosby
Columbus
Flaxton
Sherwood
Antler
Westhope
Ransboro
Hannah
Sarles
Walhalla
Bowbells
Bowbells 5E
Tolley 4NE
Bottineau
Rolla
Belcourt Ind Res
Dunseith St Hosp
Langdon Exp Farm
Cavalier
Kenmare
Mohall
Grenora
Wildrose
Eckman
Kramer 5SE
Willow City
Rolette
Bisbee
Munich 4SW
Powers Lake 1N
Grano
Lansford
Zahl
McGregor RR Sta
Donnybrook
Upham 3N
Lostwood 12N
Bantry
Cando
Edmore 1W
Grafton St Sch
Tioga
Foxholm WL Ref
Adams 7S
Park River
Epping
Stanley
Rugby
Tagus
Berthold
Minot CAA AP
Granville
Towner
Leeds
Williston WB City
Minot Exp Farm
Balta
Devils Lake WB City
Petersburg
Grand Forks CAA AP
Sanish
Velva
Esmond
Arvilla St Park
Keene
Parshall
Balfour
Larimore
Grand Forks U ND
Van Hook
Ryder
Maddock Agr Sch
Alexander RR Sta
Drake
Warwick
Watford City 11E
Raub
Max
Butte
Martin
Sheyenne
McVille
Watford City
Harvey Wtr Wks
New Rockford 7WNW
Watford City 20SE
Garrison
Elbowoods
Pessenden
McHenry 5N
Sharon
Mayville
Grassy Butte 10N
Killdeer 8NW
Turtle Lake
Grace City
Grassy Butte
Riverdale
Hurdefield
Sykeston
Carrington
Cooperstown
Trotters 6WNW
Underwood 12W
McClusky
Hillsboro
Dunn Center
Trotters 3S
Fairfield 9N
Ralliday
Melville
Hannaford
Colgate
Beulah
Washburn
Washburn Wtr Wks
Kensal WL Ref
Gladstone 22N
Hilton RR Sta
Courtenay
Golden Vly 10S
Center
Pettibone
Pingree
Medora TR Nat M Pk
Woodworth 5E
Baldhill Dam
Glen Ullin 13N
Tuttle 7SW
Buchanan
Amenia
Beach
Medora
Dicklnson Exp Sta
Jamestown CAA AP
Fryburg
Belfield
Richardton Abbey
Glen Ullin
New Salem 1S
Bismarck WB
Dawson
Medina 1E
Valley City
Fargo WB AP
Golva 18S
Dicklnson CAA AP
Bismarck WB AP
Steele
Jamestown St Hosp
Sentinel Butte 20S
Almont 7SW
Mandan Exp Sta
Lefor 10E
Mandan Ft Lnc Pk
Morfit 4SE
Montpelier
Litchville
Bowman 30NNW
Amidon
New England
Burt 16N
Oackle
Nortonville
Bazelton RR Sta
Grand Rapids 1N
Lisbon
Marmarth
Mott
Carson
Flasher
Breion
Napoleon 1SE
Verona
McLeod 3E
Wahpeton Pwr Pl
Marmarth MDU
Reeder 14N
Elgin 5S
Carson 2SW
Kulm
Edgeley Exp Farm
Linton
Shields
Wishek
Wahpeton St Sch
Hettinger 17N
Pretty Rock
Fullerton
Bowman CH
Scranton
Reeder
Forman
Oakes
Ft Yates
Bowman 11SE
Haynes 6NE
Wautauga 5D 8N
Selfridge 11W
Ashley
Forbee 13NW
Bankinson RR Sta
Haley
Rettinger
Ellendale
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Section Center
Type of gage ○ Non-recording:
● Recording: ◗ Both types
Double circle combinations: Complete Meteorological
NORTH DAKOTA
STATUTE MILES
10 0 10 20 30 40

Nat. Hist.

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
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CLIMATOLOGICAL DATA

NORTH DAKOTA

JANUARY 1952
Volume LXI No. 1

NAT'L
HIST.

KANSAS CITY: 1952

NORTH DAKOTA - JANUARY 1952

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

January averaged below normal in temperature and above normal in snowfall. T
first half of January was characterized by relatively clear skies and little wir
The period from the 20th to the 24th was very stormy with heavy snowfall and hi
wind. The month closed with very mild temperatures.

The average temperature for the state as a whole was 3.0 degrees above zero whi
is 3.9 degrees below normal. The eastern division averaged 2.0 degrees or 3
degrees below normal; the middle division averaged 2.3 degrees or 3.7 degrees bel
normal; and the western division averaged 4.7 degrees or 4.9 degrees below norma
The highest mean temperature for the month was at Hettinger in the western div
sion with 10.1 degrees above zero. The lowest mean temperature was at Eckman
the middle division with 3.9 degrees below zero. The highest temperature for
month was 45 degrees above zero recorded at Arvilla State Park, Sanish and Ell
woods on the 31st. The lowest temperature was 37 degrees below zero recorded
Willow City on the 24th and 28th and at Pembina on the 29th.

The average precipitation for the state was 0.70 inch which is 0.22 inch abo
normal. The eastern division averaged 0.92 inch or 0.40 inch above normal;
middle division averaged 0.73 inch or 0.29 inch above normal; and the west
division averaged 0.44 inch or 0.03 inch below normal. The greatest amount
precipitation was 2.34 inches at Carrington, and the smallest amount was 0.13 i
at Bowman and at New England. Likewise the greatest amount of snowfall was 2
inches at Carrington and the least was 1.3 inches at New England. The great
depth of snow on the ground varied from 29 inches at Carrington to 5 inches
Pembina and Willow City. The average snowfall for the state was 9.2 inches.
eastern division averaged 11.3 inches; the middle division, 9.8 inches; and
western division, 6.3 inches.

The first two weeks of the month were rather mild with very little wind which g
a very welcome relief from the severe cold of December. The third week brough
change to more unsettled weather though it still continued relatively mild at m
stations. On the 14th heavy snow fell over the northwest portion of the state
spread to most of the south-central and southeast sections during the day. Sn
fall ranged up to near 9 inches in the Minot vicinity and averaged from 2 t
inches at most stations. Moderate northerly winds accompanying the snow cau
some drifting. The most severe blizzard of the winter occurred on the 20th, 2
and 22nd in the southern and eastern portion of the state where winds averaged
to 35 mph. This high wind along with very heavy amounts of new snow blocked m
roads and transportation was practically at a standstill. Most branch line tra
were either cancelled or delayed. Visibility was down to zero at some poi
during the storm. Several busses were stalled on the highways but all passeng
survived. The death of a rural school teacher at Baldwin was attributed to
storm. Most rural schools were closed during the blizzard. The mild weat
during the close of the month caused considerable thawing and settled the s
several inches. Livestock came through the month in generally good conditi
Yard feeding was necessary throughout the month in most areas. In some parts
the west and southwest feed supplies were being quite seriously depleted.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
rck WB Airport	E	12	7.6	40	W	31	79	78	75	79	9	6	3	1	0	0	19	59	6.4
Lake WB City	-	-	8.0	37	NE	21	-	-	-	-	12	12	1	0	0	0	25	61	6.5
WB Airport	S	19	11.4	36	S	10	73	73	70	73	12	6	1	1	0	0	20	60	5.8
ston WB City	-	-	5.9	32	W	31	74	75	65	69	9	6	3	0	0	0	18	43	7.4

COMPARATIVE DATA

	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
	3.3	58	-52	0.32	2.8	4
	0.8	52	-48	0.99	8.4	7
	0.6	60	-47	0.39	3.6	4
	-2.9	42	-46	0.56	5.5	5
	5.3	58	-42	0.77	6.6	6
	3.6	49	-38	0.77	7.5	5
	14.6	69	-32	0.11	1.1	2
	5.2	55	-41	0.25	2.4	3
	15.4	70	-30	0.22	2.0	3
	7.7	68	-39	0.28	3.0	4
	12.7	51	-40	0.14	1.4	2
	9.4	56	-37	0.66	6.7	5
	3.6	50	-52	0.40	4.0	5
	0.9	48	-40	0.32	2.9	3
	12.2	60	-38	0.69	6.9	4
	-6.2	45	-45	1.32	14.5	8
	7.0	70	-41	0.24	1.9	2
	3.5	53	-48	0.43	4.3	4
	9.4	49	-35	0.37	4.1	3
	-1.0	56	-43	0.84	8.5	6
	-4.6	63	-52	0.35	3.6	4
	3.2	60	-54	0.45	4.6	5

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1914	14.8	62	-38	0.48	4.9	4
1915	5.8	51	-48	0.29	3.4	3
1916	-6.4	49	-56	1.36	15.1	6
1917	1.7	47	-46	0.72	8.6	5
1918	0.5	48	-44	0.47	5.0	5
1919	18.7	66	-44	0.18	1.7	2
1920	2.7	49	-44	0.97	10.0	5
1921	15.9	52	-31	0.24	2.5	2
1922	7.0	55	-46	0.49	5.2	5
1923	10.1	56	-35	0.52	6.0	5
1924	2.6	61	-42	0.23	2.5	3
1925	8.6	52	-35	0.24	2.5	3
1926	16.3	55	-30	0.38	4.1	4
1927	10.1	60	-44	0.42	4.3	4
1928	13.0	50	-41	0.20	2.3	3
1929	-4.8	42	-42	0.62	9.2	6
1930	-1.9	41	-43	0.29	2.7	4
1931	21.4	68	-31	0.15	1.4	2
1932	9.5	50	-34	0.56	6.3	4
1933	11.8	53	-30	0.80	10.0	7
1934	15.8	54	-36	0.20	2.0	3
1935	3.3	60	-44	0.41	4.9	6

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1936	-5.8	43	-44	0.56	6.9	7
1937	-8.3	38	-44	0.67	9.0	6
1938	9.5	50	-40	0.48	6.1	6
1939	15.0	55	-32	0.47	6.0	6
1940	3.4	48	-39	0.10	1.4	3
1941	11.0	53	-33	0.54	6.3	5
1942	18.3	60	-35	0.09	1.0	2
1943	-1.4	45	-44	0.73	9.4	7
1944	21.8	61	-26	0.37	4.8	3
1945	12.7	51	-31	0.41	5.3	5
1946	11.2	56	-33	0.20	2.9	4
1947	16.0	57	-37	0.35	4.4	4
1948	9.3	59	-42	0.40	5.0	6
1949	1.7	58	-49	1.14	15.3	8
1950	-10.5	51	-51	1.04	14.5	9
1951	3.3	50	-43	0.57	8.4	6
1952	3.0	45	-37	0.70	9.2	7

or the period beginning with 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for years.

CLIMATOLOGICAL DATA

Station	Temperature									Precipitation									
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
ERN DIVISION																			
State Park	1.8	-3.2	42	31	-34	28	1959	0	31	.38	- .15	.18	21	8.0	16	21+	4	0	0
on	1.0		45	31	-32	28	1983	0	31	.51		.17	21				8	0	0
own	.6M	-6.1	37	31	-27	24		0	31	2.34	1.92	.52	22	25.8	29	24+	10	2	0
ake WB City	1.9	-2.4	40	31	-29	23	1953	0	31	.45	- .06	.25	21	6.0			2	0	0
	.9	- .9	42	31	-28	24	1987	0	31	.76	.29	.44	21	10.7	11	22+	13	0	0
Exp. Farm	3.7M	-5.1	37	31	-25	24		0	31	.96	.47	.70	22	9.6	19	27+	8	1	0
W	- .7	- .9	38	31	-33	28	2034	0	31	.68	.19	.40	21	10.0	13	27+	7	0	0
e	5.9	-4.1	42	31	-22	24	1828	0	31	1.04	.58	.37	21	12.2	14	22	5	0	0
Airport //	1.4	-2.4	40	31	-32	29	1967	0	31	1.07	.40	.57	21	11.2	17	22+	8	1	0
	5.7	-1.9	37	31	-27	24	1835	0	31	1.35	.90	.53	14	16.0	27	25+	4	1	0
n	4.5	-4.6	41	31	-24	24	1873	0	31	1.48	.78	.58	22	14.8	20	22+	10	1	0
State School	2.5	-5.2	41	31	-26	24	1936	0	31	.60	.16	.31	21	6.1	17	25+	5	0	0
rks CAA AP //	.9	-1.7	42	31	-35	28	1988	0	31	1.27	.77	.40	21	12.3	15	26+	9	0	0
rks Univ.	- .4	-4.0	40	31	-32	28+	2028	0	31	.96	.43	.43	21	13.4	15	22+	9	0	0
	- .2M	-3.8	42	31	-33	29	2040M	0	31	.79	.26	.31	21	12.0	19	22+	6	0	0
pids 1 N	4.2M		42	31	-32	29	1874M	0	31	1.11		.43	22	13.0			5	0	0
n RR Sta.	3.4	-4.5	34	31	-29	29+		0	31	1.99	1.52	1.20	22				4	2	1
	-1.6	-2.8	38	31	-35	24	2065	0	31	.34	- .36	.06	21+	6.0	7	22+	10	0	0
n CAA AP //	1.3	-3.6	42	31	-34	29	1973	0	31	1.01	.50	.52	21	12.3			5	1	0
	2.6	-4.5	41	31	-25	28+	1930	0	31	1.66	1.11	.93	21	17.9	17	22+	8	1	0
n State Hospital	3.3	-3.8	43	31	-26	29	1912	0	31	.58	.03	.22	21	12.1			5	0	0
ildlife Ref.	2.3M		41	31	-30	29	1957M	0	31	.44		.22	21	7.8	10	22+	8	0	0
Exp. Farm	- .2	- .6	40	31	-30	24	2019	0	31	.83	.22	.33	21	8.6	13	27+	7	0	0
	2.8	-1.0	41	31	-27	23	1926	0	31	.40	- .20	.16	21	6.0			5	0	0
	2.1M	-5.5	27	31	-32	29		0	31	.96	.37	.44	22				6	0	0
	1.7	-4.3	43	31	-28	28	1958	0	31	1.06	.67	.39	21	16.4	20	22	10	0	0
N	- .1	-1.6	39	31	-30	24	2017	0	31	.57	.15	.24	21	6.1	9	22+	7	0	0
E	4.1M	-4.2	40	31	-32	29	1885M	0	30	.66	.10						4	0	0
SW	-1.8		38	31	-32	24	2066	0	31	.70		.30	21	9.1	10	27+	10	0	0
	1.8	-7.1	25	12+	-30	24		0	31	.96	.49	.27	21+	11.9	17	22+	8	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Table 2—Continued

Station	Temperature									Precipitatioo									
								No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max depth on ground at obsn.	Date	.01 or more	.50 or more	1.00 or more
Park River	3.1	.2	43	31	-24	23	1922	0	31	.46	- .03	.28	21	7.0	8	27+	6	0	0
Pembina 2 N //	.9	-1.5	42	31	-37	29	1988	0	31	.44	- .19	.25	21	7.0	5	21	5	0	0
Petersburg	1.6		42	31	-30	23	1964	0	31	.89	.45	.60	21	11.1	12	21+	8	1	0
5haron	1.7	-1.8	40	31	-26	23+	1962	0	31	1.03	.56	.45	21	14.3	21	22+	7	0	0
Valley City	4.0	-2.1	42	31	-31	29	1890	0	31	.58	.04	.40	21	6.3	16	21+	3	0	0
Wahpeton 5tate 5chool	4.8	-3.9	38	31	-30	28+	1866	0	31	1.68	1.23	.53	14	20.0	18	22+	9	1	0
DIVISION	2.0	-3.1								.92	.40			11.3					
MIDDLE DIVI5ION																			
Ashley //	5.0	-3.7	41	31	-23	24	1854	0	31	.84	.40	.34	21	9.5	16	28+	7	0	0
Belcourt Indian Res.	- .9		38	31	-34	24	2044	0	31	.42		.12	14+	4.0	7	27+	7	0	0
Bisbee	.6	-1.2	39	31	-29	24	1994	0	31	.47	.02	.20	21	6.7	7	25+	6	0	0
Bismarck WB City	4.5	-3.5	42	31	-25	24		0	31	1.48	1.10	.58	22	19.2	16	22+	12	1	0
Bismarck WB Airport	1.8	-4.5	43	31	-27	23	1961	0	31	1.24	.79	.67	21	16.1	16	21	10	1	0
Bottineau	-3.4	-4.8	35	31	-36	24		0	31	.40	- .01	.16	15	5.3	7	25+	7	0	0
Butte	3.6	-4.3	41	31	-26	1	1901	0	31	.63	.27	.38	14	9.5	12	21+	4	0	0
Carsoo 2 5W	7.1	-3.0	40	31	-23	1	1795	0	31	.40	.04	.15	21+		15	22+	3	0	0
Ceoter	3.6	-6.2	42	31	-30	24	1903	0	31	.32	- .05			5.3	13	22+	4	0	0
Drake	1.4M	-4.1	35	31	-28	24		0	31	.76	.37	.55	15		12	22+	2	1	0
Eckman	-3.9	-7.0	39	31	-35	24		0	31	.68	.32	.40	15	6.0	8	25+	4	0	0
Fesseoden	1.3M	-3.4	42	31			1970M	0	31	1.19	.70	.60	23				4	1	0
Fort Yates	6.9	-2.7	43	31	-23	1	1798	0	31	.31	- .08	.10	14+	4.0	14	22+	4	0	0
Foxholm Wildlife Ref.	2.9	-3.9	42	31	-28	1	1925	0	31	1.10	.66	.49	14	17.2	16	25+	7	0	0
Garrison	3.6	-4.3	40	31	-24	1	1903	0	31	.56	.19	.23	14	5.6			8	0	0
Granville	2.0	-3.1	41	31	-30	24	1950	0	31	.62	.24	.43	14	8.0	12	21+	3	0	0
Hansboro	- .3M	- .9	39	31	-31	24	2026M	0	31	.39	- .22	.15	21	8.2	10	27+	6	0	0
Leeds	1.6M		41	31			1960M	0	31	.92		.28	21	12.7			11	0	0
Linton	4.3	-5.0	43	31+	-25	1+	1875	0	31	.83	.49	.35	21	9.9	21	22+	7	0	0
Maddock Agr. School	.8	-3.8	41	31	-29	24	1990	0	31	.74	.32	.18	22				7	0	0
Mandan Exp. 5tation	3.0	-5.6	40	31	-23	1		0	31	.95	.58	.35	22	12.4	15	22+	11	0	0
Maodan Ft. Lincolo Park	5.6		44	31	-23	20+	1839	0	31	.43		.11	17	9.7	16	25+	9	0	0
Max	1.4	-3.1	34	31	-27	1		0	31	.61E	.26	.20	16	10.1	13	27+	9	0	0
McClusky	3.7M	-2.7	40	31	-24	1	1890M	0	31	.71	.27	.29	21	8.2	10	27+	6	0	0
Minot CAA AP //	3.5	-3.1	41	31	-25	1	1905	0	31	1.41	1.04	.94	14	14.2	15	25+	11	1	0
Mioot Exp. Farm	2.7		40	31	-27	24	1929	0	31	.77		.44	14	12.0	14	25+	8	0	0
Mohall	.7	-4.1	40	31	-28	1+	1997	0	31	.74	.40	.44	14	7.4	12	25+	8	0	0
Napoleoo 1 5E	3.9M	-2.9	40	31	-24	20+	1891M	0	31	.62	.21	.30	21	8.6	14	27+	9	0	0
New Salem 1 S	3.4M	-6.3	35	30	-25	20	1897M	0	31	.61	.17	.20	22	6.5	17	22+	5	0	0
Pettibone	2.5	-1.4	40	31	-27	24	1940	0	31	.77	.39	.28	21	8.1	13	27+	8	0	0
Riverdale	4.1		42	31	-24	1	1886	0	31	.68		.32	14		12	25+	7	0	
Rolla	.3	-2.3	39	31	-30	24	2006	0	31	.92	.39	.30	21	8.9	13	27+	10	0	
Rugby	1.9		40	31	-29	24	1957	0	31	.59	.16	.17	21		11	26-	10	0	
Sao Baven	2.0		39	31	-31	24	1952	0	31	.83		.27	21	9.4	11	27+	10	0	
Steele	3.4	-3.8	43	31	-26	20	1906	0	31	.68	.28	.26	21	8.5	23	26+	8	0	
Towoer	.5M	-3.6	43	31	-33	24	1997M	0	31	.87	.42	.50	21	15.5	23	26+	7	1	
Turtle Lake	4.9M	-1.8					1860M	0	31	.82	.47	.30	14+	9.2			5	0	
Upham 3 N	.4		41	31	-33	24	2005	0	31	.62		.18	22	12.7	16	25+	7	0	
Velva	3.2	-3.5	43	31	-30	24	1914	0	31	1.01	.59	.64	14	15.0	18	26+	8	1	
Washburn	4.4	-3.8	43	31	-27	24	1878	0	31	.45	.13	.16	21	6.5			6	0	
Westhope	- .3	-2.4	39	31	-33	24	2024	0	31	.94	.61	.45	21	15.5	17	22+	4	0	
Willow City	-1.8	-2.9	42	31	-37	24+	2071	0	31	.38	- .17	.17	21	4.5	5	21+	5	0	
Wilton RR Statioo	1.7	-6.3	38	31	-26	1+		0	31	.56	.22	.17	22	7.0	13	22+	4	0	
Wishek	1.6M	-5.7	35	31	-28	24		0	31	.85	.46	.34	22	17.1			6	0	
DIVISION	2.3	-3.7								.73	.29			9.8					
WESTERN DIVI5ION																			
Almont 7 5W	7.7		41	31	-20	1	1772	0	31	.31		.10	17	4.6	11	24+	7	0	
Amidoo	8.0	-6.6	42	31	-25	23		0	31	.27	- .16	.08	25	3.2	13	25+	4	0	
Beach	7.6	-4.5	38	31	-26	23		0	31	.41	- .05	.12	22	5.4	8	25+	8	0	
Belfield	9.3M	-5.0	43	31	-28	1	1722M	0	31	.46	.00	.20	21		10	21+	5	0	
Bowbells	.4	-4.4	40	31	-29	24		0	31	1.02	.52	.42	15	10.5	11	22+	5	0	
Bowbells 5 E	-1.2M		40	31	-30	24		0	31	.66		.19	14	8.3	13	25+	7	0	
Bowmac Court House //	9.7M	-4.9	40	31	-26	23	1713M	0	31	.13	- .31	.03	17+		10	23+	5	0	
Crosby	1.5	-2.9	40	31	-31	1	1966	0	31	.51	.11	.23	14		7	25+	10	0	
Dickinson CAA AP	7.3	-3.3	40	31	-25	23	1787	0	31	.43	.01	.14	21	4.3	9	25+	8	0	
Dickinson Exp. Sta.	5.1M	-5.5	40	31	-26	1		0	31	.48	.06	.18	22	5.1	9	24+	11	0	
Dunn Ceoter	3.8	-8.4	39	31	-27	2		0	31	.37	.01	.13	22	5.9	10	23+	7	0	
Elbowoods	2.2M	-6.4	45	31	-35	1	1946M	0	31	.33	.00	.10	21	6.3	12	23+	5	0	
Epping	3.5	-1.7	40	31	-28	1+	1906	0	31	.36	- .06	.29	14	5.4	15	21+	4	0	
Grenora	2.8	-2.1	42	31	-27	1+	1927	0	31	.31	- .13	.28	14	4.3	6	14+	3	0	
Hettioger	10.1M	-3.6	42	30+	-24	23	1699M	0	31	.17	- .19	.07	16		6	21+	4	0	
Kenmare	.5	-5.3	41	31	-26	1		0	31	.67	.32	.43	15				6	0	
Marmarth	7.6M	-5.9	41	31	-29	23	1784M	0	31	.33	- .09	.20	21	5.8	17	24	4	0	
Medora 4 NNE	7.0M		44	31	-33	1+	1805M	0	31	.23		.08	24	4.6	8	24+	6	0	
Mott	6.4M	-3.8	42	31	-30	1	1825M	0	31	.30	- .19	.08	16+	5.0	10	21+	5	0	
New England	7.7M	-5.8			-26	1	1792M	0	31	.13	- .33	.08	23	1.3			2	0	
Parshall	2.5	-3.8	40	31	-33	1	1935	0	31	.55	.21	.30	14	5.2	11	27+	6	0	
Portal	-1.5M	-4.5	39	31	-30	1+		0	31	.69	.29	.58	15	12.0	12	17+	4	1	
Powers Lake 1 N	1.4	-6.7	38	31	-32	1	1973	0	31	.52	.00	.46	14	13.0	16	14+	2	0	
Richardton Abbey	8.3	-2.8	40	31	-22	1	1756	0	31	.53	.15	.21	22	5.8	10	22+	9	0	
Saoish	- .6	-4.5	45	31	-32	1+		0	31	.57	.09	.25	15				6	0	
Stanley	2.4		39	31	-30	1	1940	0	31	.54	.15	.38	14		12	21+	5	0	
Van Hook	3.4		41	31	-28	24	1909	0	31	.52		.25	14	9.1	15	28+	6	0	
Watford City	5.2	-4.6	41	31	-27	1	1849	0	31	.47	.00	.22	14	6.9	11	22+	5	0	
Willistoo WB City	5.6	- .8	41	31	-25	1	1841	0	31	.57	.03	.16	14	7.3	11	25+	9	0	
DIVISION	4.7	-4.9								.44	- .03			6.3					
STATE	3.0	-3.9								.70	.22			9.2					

See reference notes following station Index.

DAILY PRECIPITATION

able 3

NORTH DAKOTA
JANUARY 1952

Station		Total	Day of month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NS 7 S		.74									.07				T		.04	.04	T				.35	.07			.05	.06	.08				
NANDER		.36											T			T		T					.07	T		T		.29				
ONT 7 SW		.31	T										T	.01	T	.04	T	T	.10				.07	.04		.03	.02	T	T				
ROSE		.64								T			T	.05		.26	.02	.05					.06	.07			.08		.05			T	
NIA		.38	.10													.03							.18										
DON		.27	.07											T	T	T	T						T	.07	T	.05	.08						
DON	R	.33	.07													.05						.03	.04	.01	*	.05	.08						
LER	T	.84														.33	.04						.39										
ILLA STATE PARK		.51					T				.06						.06	.04					.17	.10			.01		.04				
LFY		.84	.10													.10	.06	.01	.06				.34	.08			.07			.09			
TRY		1.05						T	T							.45	T						.01	.59	T			T					
CH		.41	.06											.02			.01		.02					.12	.07	.05	.06						
CH	R	.48	.06										.02			.01							.02	.10	.05	.15							.05
COURT INDIAN RES	R	.42												T	T	.12	.04	.02	T				.12	.05			.02		.05				T
FIELD		.40														.12	T	T	T	T	.02	T	.20	T	.06	T	.06						
THOLO		.57														.31							.07	.07	.02	.02	.01	.01	.01				
AM		.34														.13			T				.05	.07	T	.04	.01		T	.04				
AM	R	.36														.15							.12				.01		.04				
AFE		.47								.03			T		T	.08	.04				T		.20	.08			.04	T	T				
MARCK WB CITY		1.48	.20								T		T	.02	T	.03	.15	T	.16				.13	.58	.03	.04	.05		.01	.08			
MARCK WB AIRPORT	R	1.24	T								.01		.02	T	T	.03	T	T	T		T	T	.67	.10	T	.04	T	T	.06	.03			
INEAU		.40												T		.01	.16	.14	T				.07	.07			.03		.05				
ELLS		1.02															.01		.01					.23			.05	T					
ELLS 5 E		.66													T	.22	.42	T	.10				.07	.07	T		.08		.02				
AN COURT HOUSE		.13														.19	.15	T	.06		T			.03	.02	.03	.02						
AN 11 SE		.49												T	.01		.01		.03				T	.25	.01	.03	.04						
EN	R	.64														.10		.02					.12			.10							
HANAN	R	.49													.01	.06		.09					.35										
16 N		.25												.02		.07			.04				.35						.07				
E		.63													T	.38	.03						.02	.04			.06						
O	R	.43								.05					T	.06	.01	.03					.17	.05				T					
INGTON		2.34	.13								T				T	.07	.27	.03	.38			.04	.15	.02		.03	.03		.05				
ON	R	.22																.03					.50	.52	T	.33	T		.07				
ON 2 S W		.40														.10		.05					.08	.04		.05							
ER		.32														.11							.15	.15									
ATE		.37											T	.03									*	.18						T			
MBUS		.78																.06			T		.22	.09				T					
ERSTOWN		.45									T			.05		.54		.07						.07		T	.04	.01					
TENAY		1.04	.10													T	.20						.25										
RY		.51								T			T	T		.08	.08						.40	.38				T					
RY	R	.44														.23	.01	.05					.03	.05		.03	.05	.01	.03	T			.02
LS LAKE W B CITY	R	.76	T				T			T	.02	T	T	.01	.03	.04	.01	.04	.02				.07	.04		.05	.02		.03				
INSON CAA		.43								T	.03	T	T	.03	T	.05	.02	.05	.01		T	T	.44	.09	.01	T	.02	.01	.02	T	T	T	T
INSON EXP STA		.48	.03								.01				.02	.01	.06	.01	.04		T	T	.14	.12	.01	.05	T	T	T	T			
YRROOK		.97	T			.04	T					.04			.15	.06	.18	.03	T				T	.18	.06	.02	.04		T				
E		.76									T		T				.55					.21	.07	T	T		.01	.18	T				
CENTER		.37	.05											T		T	.09							.21									
AN		.68										T			T		.40	T	T			.03	T	.13	.05	.01	.03		T	.01			
LEY EXP FARM		.96	.02								T			T		.05		.04						.15			.10						
RE 1 W		.68										T	T	.03			.04	.02		T	T		.03	.70	.03		.06		.03				
WOODS		.33														.09	T						.40	.10			.04	T	.05			T	
N 5 S		.53									T		T	T		.09	T						.10	.07	.03	.04			T				
NOALE		1.04	.07										T	T	T	.21	.09	T	.10		T		.20	.09	T	T	.05	T	T	T			
NG		.36											.03			.29		T	T				.37	.30		T			T	T			
NO	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						.03						.01				
FIELD 8 N		.24											T			.09	.02	.03					.21	.02		.03	.03	.03	.04				
O WB AIRPORT	R//	1.07	T				T			T	.08	T		T	T	T	.01	.04	T			.04	T	.03		.05	.03					T	
ENDEN		1.19															.06					T	.57	.28	T	T	.05	T	.03		T		
HER		.60	.04												T		.08							.10	.60	.43							
TON		.93											T	T	.61	.02	.09		.17					.20	.02		.09		T	T			
AN		1.35									T			T		.53	T						.04	.06		.06	.05					T	
YATES	R	.31									T			T	T	.10	.07						.47	.27		T	.08						
OLM WILDLIFE REFUGE		1.10											T	T	.06	.49	.09	T					.11	.04									
URG	R	.24														.08		T	.01				.30	T		T	.14	.01	T				T
ERTON		1.48	.12							T	.02		T	T	.02	.26		.01	.02				.02	.03	.02	.04	.02						
LE		.60									T					.10	.04	.03			T		.38	.58		.02	.03		.02	T			
ISON		.56								T	T		T	T		.23	T						.31	.11			.04						
E CITY	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.02					.14	.07	.01	.01	.03		.05			T	
TON STATE SCHOOL		1.27									.10				T	.13	.04	.13	.01			.02	.11	.12		-	-	-	-	-	-	-	-
O FORKS CAA		.96	T				T			.01	.12		T	T	T	.06	.08	.01	.16				.40	.32		T	.10	.05	.05				
O FORKS UNIV		.79	T								.13				T		.02	.03	T				.43	.18	T	T	.06	T	.05			T	
O RAPIDS 1 N		1.11									T				T		.07	.03	.05		T		.31	.20			T		T				
VILLE		.62									T		T	T	T	.17	.08	T					.37	.43			T		.06				
SY BUTTE	R	.32														.43	.04	T			T		.15	T	T	T	T	T	T			T	
SY BUTTE 10N		.32														.12							.05	.05	.05	.05							
ORA		.31														.10	T	T					.12	.10	T	T						T	
Y	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.28	T							T		.01	.02						
IDAY		.37											T	.04	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDAY	R	.33														.07		T	.04				.12	T	.02	.02	.05	T	.08				
INSON R R STA		1.99	.06									T					.70						.11	.04		.05	.02		.04				
AH		.34								.03	.04			T	T	.02	.01	T					.03	1.20	T		T						
BORO		.39								T			T	.02	T	.10	.02		.02	.05			.06	.03			.02		.06			T	
EY 3 NE		.31											T	T	T	.04	T	T	.02	T	T		.15	.04				T	.06			T	
ES 6 NE	R	.45																.02	T				T	.23	T	T	T	.02	T				
INGER		.17												T	T	T		.04	.02				.15	.10		.08	.01	.02		.03			
INGER 17 N	R	-	-	-	-	-	-	-	-	-	-	-	-	.03	-	-	-	.07					.04	.02		.04							
SBORO		1.01	.04				T				.12	T			T	T	.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STOWN CAA		1.66					T				.05		T	T	T	.28	.08	T	T		T	T	.52	.32				T	T				
STOWN STATE HOSP		.58	T								T			T	T	.10	.04	.02	T		T	T	.93	.23	T	T	.02		.05				
ARE		.67									T					.05	.43	T			T		.22	.17	T	T	T		.05				
ARE	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.50		.02	.01				.01	.15									
AL WILDLIFE REF		.44									.02				T	.06	T			-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEER 8 NW		.50											T			.42		.02	.05		T		.22	.04	T		T	.01	.02				
		1.34									.05					.03	.01				T		.08		T	T		T	T				
DON EXP FARM		.83									.19												.07	1.00	.18								
FORD		1.18								T	T		T	.02		.75	T	.03	.08				.33	.10			.04		.06				
MORE		.40																T					.35			T	.06	T					T
S		.92	.01							.02	T		.02	T	T	.16	.01	.06	.09				.16	.05						T		T	.04
R 10 E		.14	T											T		.04	T	.05				.26	.28									
ON		.83									T			.02		.13	.02	.01	T				.05	.02	T	.05	T	T	.02	T			
ON		.96	.18								T				T	T	.09	T					.35	.25	T	.04	T	T		.02			
VILLE		1.04	.02			T					T			T	T	.06	.37	T	.01				.10	.44	T	.09		.06				
CK AGR SCHOOL		.74									T		T		T	.06	.14	T	.07		T		.20	.10	T	.23		.04				
AN EXP STATION		.95	.05								T	T		.02	.01	T	.16	T	.16			T	.17	.18	T	.08	T	.04				
AN FT LINCOLN PARK		.43	T								T			T	T	.05	.04	T	.11		T		.05	.35	T	.02	.05	T	.02	.06	T		
ARTH		.33	T											T			.02	T			T		.09	.06	T	.03	.02	.02	T	.01			
ARTH M O U CO	R	.27																T			T		.20	.03	T	.08							
N		.60									T			T		.30	T	.01	.01		.01		.08	.05	.03	.08							
	E	.61																					.20	.10		T		T	T				
LLE		1.06	.02				T				.11		T	T	.04	.03	.02	.20	.05				.01	.15	.05		.03		.05	.05			
USKY		.71														.18	.11	.02			T		.39	.29	T	T	.03		.02				
NRY 5 N		.57									T			.01			T		.09				.29	.08			.08		.07				
00 3 E		.66									.04					.01	T	.01	.09				.24	.10	T		T		.03				
LLE		.73									T		T			.20							*	.42									
A 1 W		.95													.03		.05		.10				.55										
A	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.30	-	T	-	-	-	-	.32	.30					.03				
A 4 NNE		.23											T	.02		T	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A 11 N		.40												T		T	T	T	T				.05	.06	.01	.08	.01						
LLE	R	.44														.05		.01					.03	.12		.09	.03		.12				T
CAA		1.41																.04				*	*	.25		.05			.04	.01			
EXP FARM		.77									T		.02	.02	T	.94	.01	.01	T		T		.22	.10	T	.03	.02	.01	.03				T
T 4 SE		1.13	.04								T		T	T	T	.44	.03	T	T				.09	.15	T	.01	.02	.02	.01				
L		.74											T			.06	.09	T	.04				.80		.01	.01	.02	T	.02	.04			
ELLIER		1.58	.01											T	T	.44	.02						.04	.14		.01	.06	.02	.01	T			
		.30											T	T	T	.21	.10	.01			T		.92	.21		T	.05		.07				
TH 4 SW		.70									.02		T	T		.03		.08				T	.08	.07			.04						
EON 1 SE		.67									T			T	.02	T	.05	.03	.03		T		.30	.05			.05	.01	.04			T	
EON 1 SE	R	.40									T			T	.01	.07	.05	.03					.30	.06	T	T	.06		.02	.02	T		
NGLAND		.13													.02	.07	.05	.03					.07	.05		.05	.01		.05				
OCKFORD 7 WNW		.58													T								.05		.08								
ALEM 1 S		.61								T				T	T	T	.15	T	T				.26	.17				T	T				
N		.81												.04		.16	T					.03	.18	.20									
GATE	R	.70												T		.50		.08					.10				.13						
NVILLE		.70													.03	.04	.50	.08							.03			.02					
		.96	.06								T	T		T		.23		.04					.23	.20									
RIVER		.46				T					.05				T	.02	.22		T				.27	.27	.05	T	.05		.02				
ALL		.55													T	T	T	T	.03				.28	.02			.03		.05				
NA 2 N		.44											T	T		.30	T						.04	.07		.03			.10	.01		T	
SBURG		.89	T								.04			T			T		.07	T			.25				.06		.02				
BONE		.77	T								.08				.01		.04	.02	.07				.60	.03			.04						
											T				T	.06	.04	.02	.06				.28	.20		.01	T		.10				

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station		Total	Day of month 1	2	3	4	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
PETTIBONE	R	.74										.07		.05				.03	.32	.19					.08			
PINGREE		.74							T	T	T	T	.04	T			T		.30	.40			T		T			
PORTAL		.69									.01	T	.58	T	.06								.04	T	T			
POWERS LAKE 1 N		.52							T	T		.46	T	T				T		T		T	.06					
PRETTY ROCK		.37	.05				.02			T	.03	T		T			T	T	.10	.04	.03		.10	T		T		T
REEDER		.14														.02			.12									
REEDER 14 N		.25	.03								T		T		.03				.03	.05	.04	.03	.04					
RICHARDTON ARBEY		.53	.01						T	.02		.10	T	T	.03		T		.09	.21	.02	.03	.02	T	T	T		
RICHARDTON ARBEY	R	.53								.02		.10			.03				.15	.13	.03	.06	.01					
RIVERDALE		.68	T				T	T	T	T	T	.32	T	T	.01			T	.07	.14	.05	T	.06		.03	T		
ROLLA		.92					T		T	T	.02	.25	.03	.04	.03				.30	.10			.05	.03	.07			
RUGBY		.59					.01		T	T	.01	.09	.09	.02	.01		T		.17				.11	.07	.01			
RYDER		.35										.20	T					T	T	.05		T		.10	T	T		
RYDER	R	-										.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SAN HAVEN		.83	.02				T			T	T	.19	.13	.02	.05				.27	.06			.03	.02	.04			
SANISH		.57								T	T		.25	T					T	.15	.02	T	.06		.06	.03		
SCRANTON		.18								T			.01	.03					.01	.04	T	.09						
SELFRIDGE 11 W		.54					T					.21		T						.25		.08			T			
SENTINEL BUTTE 20 S		.26							T	T	T	T	T						T	.18	T	.08	T	T				
SHARON		.03					.01				.02		.12	.02	.09				.45	.32					T			
SHERWOOD 3 N		.62								T	.04	.40	.03	.06	.02				.02			T	.02	.02	.01			
SHIELDS		.26									T				T				.12	.07			.07		T			
STANLEY		.54								T		.38	.03	T					.06	T			T	T	T	.04		
STANLEY	R	.42										.27						.02	.04					.02	.04			
STEELE		.68	T				T			.05	T	.10	.08	.04	.07				.26	.04	T	T	T	.04		T		
TAGUS		.36							.02		T	.18	.01		T				.05	.02	T	.01	.05	T	.02			
TIOGA		.67										.35		T	.07								.13		.07	.05		
TOLLEY 4 NE		.69										.38	T						.27				.04					
TOWNER		.87										.05	.13	.05	.05				.50				.04	.05				
TROTTERS 6 WNW		.30							.02	T		T	T	.01					.10	.03	.02	.05	T					
TURTLE LAKE		.82					T		T	T	T	.30	.03	T					.30	.15			.04					
TUTTLE		1.08	T				T		T	.01	.02	.06	.15	.01	.19		.01	.02	.09	.39	.02	.02	.01		.08	T		
UPHAM 3 N		.62					T		T	T		.08	.06	.15					.06	.18	T		.06	.03	T			
VALLEY CITY		.58				T	T			T	T	T	.16						.40						.02			
VAN HOOK		.52							T	T		.25	T						.06	.03		.04	.02		T	.12		
VELVA		1.01					T		T	T	T	.64	.04	T	.02				.09	.09	T	T	.05	.04	.04			
WAHPETON STATE SCHOOL		1.68	.04				.11				.03	.53	.26	T					.43	.19			.06		.03			
WALHALLA		.74				T	T					T	.02	T			.02		.55	.15		T		T	T			
WASHBURN		.45					T			T		.12	.01	T	.01				.16	.14		T	T		.01	T		
WASHBURN WATER WKS	R	.52										.13		.04					.21	.08		*	*	.06				
WATAUGA 8 N S DAK		.14										T	T						.10	.04								
WATFORD CITY		.47										.22							.08	.09	.04		.04					
WATFORD CITY 11 E	R	.48										.19							*	*	*	*	.25		.04			
WESTHOPE		.94								T		.26	T	T					.45	.20			.03		T			
WILDROSE		.58									T	.36		.06					.16				T	T	T			
WILLISTON WB CITY	R//	.57				T			T	T		.16	.01	.04	T		T	T	.11	.08	.01	.10	T	.03	.03	T		
WILLOW CITY		.38								T		.06	.09	T					.17				.04	T				
WILTON RR STATION		.56	.10					T			T	T	.16		T				.13	.17	T		T			T		
WISHEK		.85	.09				T	.05		T		T	.30		T				.03	.34	T		T			.04		
WOODWORTH 5 E		.60							T		.07	T	.03	T	.06				.27	.11			T	.06				
ZAHL		.37							T	.01		.11	T	.04	T			T	.03	T	.01	.04	.03	T	.09	T		

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numb within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are. temperature in °F., precipitation and evaporation in inches, and wind movement miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherw shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 G

- \- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- \+ And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted t represent the value for the full month.
- R Daily values and montbly total from recording gage. All other data in Table 3 are from non-recording gages.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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W.R.P.C., Kansas City, Mo. -- 3-19-52 --

DAILY TEMPERATURES

NORTH DAKOTA
JANUARY 1952

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ONT 7SW	MAX	- 2	15	23	20	27	26	28	26	13	21	35	7	17	19	11	3	27	28	23	0	2	- 9	- 7	- 3	10	6	3	18	22	35	41	15.6
	MIN	-20	- 4	9	8	2	7	8	2	2	2	7	- 2	5	5	- 2	- 5	- 4	11	0	-16	-10	-13	-18	-16	- 4	- 6	- 7	2	2	17	31	- 0.2
NIA	MAX	- 1	6	17	16	16	18	18	13	20	-15	23	15	20	20	20	12	12	24	14	0	15	12	- 6	- 4	10	6	5	- 8	- 6	23	42	12.5
	MIN	-17	-21	-12	- 5	- 5	3	3	- 3	1	-15	11	- 4	- 1	- 8	5	0	- 2	- 7	- 7	-20	-11	-18	-25	-31	- 8	- 7	-20	-34	-33	- 9	15	- 9.0
OON	MAX	- 6	5	14	21	21	25	27	29	21	26	37	22	23	34	24	11	12	25	30	9	5	- 3	- 9	- 3	7	14	17	11	20	33	42	17.5
	MIN	-22	- 9	- 3	5	4	10	11	3	- 7	- 2	- 2	- 2	0	11	4	- 6	- 6	8	8	-13	- 7	-14	-25	-21	- 5	-10	- 6	2	- 2	19	27	- 1.6
LLA STATE PARK	MAX	- 2	9	25	24	13	21	26	22	21	9	16	7	12	16	14	8	5	16	14	- 3	8	5	- 4	- 7	3	2	- 3	-12	5	32	45	11.2
	MIN	-17	-19	- 3	- 2	- 1	- 5	8	2	- 4	-13	4	-11	- 3	- 7	3	1	- 4	- 8	- 4	-24	-16	-21	-28	-28	-18	- 9	-17	-32	-27	0	19	- 9.2
EY	MAX	- 5	11	20	13	17	18	29	21	15	20	25	18	15	18	16	16	25	26	18	3	10	7	- 6	- 1	11	7	6	2	10	24	41	14.5
	MIN	-20	-11	3	- 8	-16	0	1	8	0	- 9	16	- 6	2	8	- 3	9	- 4	10	3	-21	-10	-13	-17	-23	- 4	- 7	- 2	-10	-21	0	6	- 4.5
TH	MAX	- 6	8	19	28	21	24	27	27	24	19	33	23	14	28	22	16	14	29	32	11	9	- 2	- 9	- 6	8	10	12	11	20	35	38	17.4
	MIN	-23	- 8	- 1	2	3	1	6	5	- 4	- 3	12	- 2	- 1	9	- 4	- 9	- 7	11	9	-10	- 5	-12	-26	-24	-10	-12	-10	- 1	7	13	22	- 2.3
OURT INDIAN RES	MAX	-11	6	26	30	17	22	32	23	18	12	24	4	11	15	2	4	4	18	18	- 6	- 6	-11	- 6	-13	1	4	- 1	0	10	30	38	10.2
	MIN	-30	-22	2	3	-13	0	- 3	- 3	- 8	-10	2	-18	- 3	- 7	- 5	- 6	-17	- 9	-14	-32	-16	-23	-21	-34	-21	-10	-17	-25	-31	- 1	21	-12.0
IELD	MAX	9	21	24	22	28	28	28	28	24	34	30	19	27	23		10	29	32	24	10	- 2	- 7	- 6	13	11	9	18		36	42	43	20.9
	MIN	-28	- 2	5	- 5	- 3	8	4	- 5	- 7	5	3	- 7	- 2	7		- 8	- 4	16	- 8	-18	-12	-13	-15	- 5	-13	-12	2	- 5	6	18	26	- 2.4
EE	MAX	- 9	4	20	24	15	24	28	22	28	14	19	6	11	17	4	5	- 1	18	16	- 4	- 4	- 8	- 9	-10	- 2	1	- 3	- 5	14	28	39	9.7
	MIN	-26	-18	- 2	- 1	- 5	- 4	9	7	- 3	- 9	5	- 1	- 1	- 5	- 4	- 3	-15	- 6	- 9	-24	- 8	-23	-22	-29	-16	- 7	-18	-23	-23	4	18	- 8.5
ARCK WB CITY	MAX	- 3	1	16	23	20	19	19	21	24	18	24	23	10	20	25	12	10	27	32	17	6	5	- 9	- 6	4	8	4	4	8	17	42	14.2
	MIN	-22	-18	- 1	- 8	- 5	- 7	- 2	- 2	2	- 4	4	2	1	4	1	2	- 7	9	- 4	-23	-16	-11	-13	-25	- 8	- 5	- 9	- 1	- 5	- 4	11	- 5.3
ARCK WB AIRPORT	MAX	- 4	15	22	20	14	11	18	24	10	15	23	9	16	23	11	7	25	30	9	1	4	- 8	- 7	2	9	4	3	5	17	36	43	13.1
	MIN	-25	-19	- 8	-14	-11	-11	- 5	- 8	-10	- 5	- 1	0	0	1	- 1	- 1	-17	- 8	-12	-26	- 9	-12	-27	-23	-10	-13	- 9	- 8	- 8	- 8	13	- 9.5
INEAU	MAX	- 9	-10	7	22	19	8	26	29	22	4	17	12	2	15	19	5	2	4	19	1	- 2	- 6	-12	-12	- 8	- 2	1	- 6	- 2	8	35	6.7
	MIN	-31	-29	-20	- 8	- 7	- 4	0	2	- 4	- 8	3	-12	- 8	- 3	0	- 3	-22	-22	0	-28	-22	-22	-20	-36	-25	-18	-11	-27	-23	- 7	1	-13.4
ELLS	MAX	- 6	- 4	16	26	18	23	30	24	21	20	23	4	8	24	13	3	- 5	21	27	- 4	- 5	- 5	-16	-16	- 8	- 1	- 2	10	20	23	40	10.4
	MIN	-27	-21	-13	8	- 4	- 2	8	7	-13	-15	3	-15	- 7	3	- 5	-11	-15	- 8	- 5	-27	-15	-16	-20	-29	-23	-21	-20	-10	-16	9	19	- 9.7
ELLS 5E	MAX	-12	- 6	14	24	17	21	29	20	20	20	25	9	4	22	12	2	- 5	19	25	11	- 5	- 5	-13	-16	- 8	- 2	3	- 2	8	25	40	9.5
	MIN	-29	-22	-14	- 6	- 8	- 2		6	-15	-15	2	-16	-11	- 1	- 6	-12	-21	-10	- 5	-28	-18	-18	-23	-30	-24	-17	-16	-17	-18	7	22	-11.8
AN COURT HOUSE	MAX	8	17	28	22	27	29	35	24	21	30	30	12	28	27	22	7	28	34	25	3	2	- 6	- 9	4	17	11		18	36	38	40	20.3
	MIN	-21	- 6	6	4	3	3	9	2	- 4	3	9	- 2	- 2	10	4	- 5	- 7	11	0	-12	- 9	-14	-26	-15	- 3	- 6		- 4	1	14	27	- 1.0
E	MAX	8	10	23	19	15	23	30	26	18	15	25	10	15	18	10	9	14	27	22	- 3	- 3	- 6	- 1	0	0	3	0	2	18	33	41	13.6
	MIN	-26	-13	4	8	- 2	2	8	1	- 5	- 4	0	-10	3	5	- 4	- 7	- 9	7	-16	-22	-21	-20	-19	-22	-14	-12	-11	-18	-12	8	20	- 6.5
INGTON	MAX	- 4	- 2	11	20	18	20	23	22	22	15	23	18	4	16	16	14	10	17	28	12			-10	- 9		4	1	0	- 5	16	37	12.0
	MIN	-24	-25	-10	4	- 3	2	0	- 3	- 3	-11	- 4	-11	-12	- 4	- 2	- 2	-10	-10	2	-24	-24	-15	-26	-27	-17	-16	-16	-20	-25	-13	11	-10.9
ON 2 S W	MAX	5	18	27	21	22	27	30	25	16	21	25	10	18	20	12	5	25	34	20	- 2	8	- 6	- 4	- 3	14	8	5	10	28	38	40	16.7
	MIN	-23	-10	.5	- 1	- 2	2	- 8	- 6	1	- 1	9	- 3	8	4	2	- 5	- 3	10	- 5	-17	- 8	-12	-18	-18	- 4	-10	- 5	- 2	- 2	15	25	- 2.6
ER	MAX	- 5	17	23	18	17	26	24	22	10	15	27	7	16	22	12	4	24	28	19	- 2	0	- 5	-10	- 5	4	3	2	7	20	36	42	13.5
	MIN	-28	-12	- 2	- 5	- 4	- 4	- 2	- 8	- 4	- 7	7	- 2	5	2	- 9	- 8	-12	12	- 4	-23	- 8	-14	-15	-30	-17	-13	-14	- 2	- 2	- 2	28	- 6.4
ERSTOWN	MAX	- 4	6	21	19	11	17	23	22	19	11	23	12	15	15	15	10	6	22	17	0	6	15	- 7	- 4	7	3	2	- 7	7	30	40	12.0
	MIN	-22	-18	- 4	- 3	0	- 4	1	0	1	-11	- 3	- 7	- 2	- 1	1	1	- 8	- 4	- 1	-24	-10	-15	-29	-28	- 8	-13	-12	-23	-27	- 1	20	- 8.2
Y	MAX	- 6	16	21	19	18	27	26	22	9	23	24	4	19	12	1	1	17	24	18	- 1	- 5	- 5	-15	- 8	- 1	2	0	8	14	30	40	11.4
	MIN	-31	-15	2	- 2	- 6	4	1	6	-15	- 2	- 4	-17	- 9	- 2	- 7	-15	-17	5	-11	-26	-10	-20	-25	-29	-21	-14	-12	- 3	4	5	25	- 8.4
S LAKE W 8 CITY	MAX	-10	7	24	18	13	21	25	21	15	14	18	4	15	15	9	8	3	27	9	- 5	1	-11	- 8	- 6	0	1	- 4	- 9	11	32	42	9.7
	MIN	-24	-14	5	1	- 5	0	9	4	- 8	- 9	4	-12	- 1	- 1	- 2	- 5	-10	- 3	-15	-21	-11	-22	-24	-28	- 9	- 9	-22	-25	-23	6	26	- 8.0
NSON CAA	MAX	5	18	26	20	22	27	28	23	15	31	30	8	23	20	8	4	27	29	18	4	- 2	- 9	- 8	4	9	6	7	12	30	36	40	16.5
	MIN	-23	- 1	5	4	1	10	0	0	- 7	8	- 2	- 3	1	2	- 3	- 6	- 4	13	-14	-17	-11	-13	-25	- 9	- 5	- 9	- 5	4	- 1	20	30	- 1.9
NSON EXP STATION	MAX	- 8	5	20	26	20	22	26	27	26	16	30	26	9	24	20	10	14	25	30	10	6	- 2	- 8	- 5	7	9	8	7	13	29	40	15.5
	MIN	-26	-25	- 4	- 5	- 3	- 2	4	- 5	- 5	- 5	6	- 6	- 4	- 3	3	- 5	- 6	13	9	-20	- 8	-10	-21	-19	- 6	- 8	-10	- 4	- 4		19	- 5.3
	MAX	- 6	- 6	15	25	23	23	25	27	29	10	19	12	10	16	17	9	8	18	29	6	- 4		-12	-12	- 1	- 1	5	0	5	19	35	11.4
CENTER	MIN	-27	-17	-12	4	- 3	- 2	9	- 1	0	- 7	10	-12	-15	- 9	- 1	- 1	-14	-13	4	-24	-14	-12	-19	-28	-16	-14	-11	-23	-22	5	15	- 8.7
	MAX	- 8	3	17	24	22	25	27	19	23	16	28	22	15	19	18	15	5	27	28	13	2	- 3	- 8	- 8	2	6	9	8	8	29	39	14.3
N	MIN	-25	-27	- 2	- 8	- 5	- 9	0	- 7	- 2	- 5	8	- 1	- 5	- 2	1	-10	-10	3	12	-17	-15	-10	-16	-22	-11	-12	-15	-12	- 1	- 5	20	- 6.8
	MAX	- 8	-12	13	27	22	18	28	23	24	4	18	10	8	16	12	6	- 4	3	18	0	- 3	- 3	-13	-14	- 7	0	- 5	5	0	15	39	7.7
EY EXP FARM	MIN	-31	-31	-22	- 7	-13	- 5	2	- 1	- 4	- 6	4	-18	-10	- 4	- 3	-14	-21	-23	- 4	-31	-31	-18	-20	-35	-22	-25	-16	-31	-32	- 8	3	-15.4
	MAX	- 4	5	24	25	19	19	22	28	19	13	31	21	12	10	15	15	22	27	22	14	6	8	6	10	6	10	5	4	- 3	4	37	14.6
E 1 W	MIN	-20	-15	- 4	- 3	- 3	- 6	6	0	5	-13	- 6	- 3	- 1	0	4	9	- 4	7	10	-23	-23	- 9	-20	-25	- 7	-10	- 8	-22	-23	-10		- 7.2
	MAX	- 5	7	24	22	19	22	28	21	19	13	16	8	12	15	15	8	0	16	14	- 5	- 2	- 8	- 8	- 8	- 4	- 1	- 4	-10	9	28	38	9.6
OOOS	MIN	-24	-20	- 5	- 2	- 9	- 5	- 1	2	- 3	-13	6	-16	- 5	- 7	- 2	- 2	-12	- 8	- 6	-24	-12	-20	-28	-30	-19	- 7	-18	-33	-32	0	17	-10.9
	MAX	0	19	21	19	19	31	21	24	13	21	17	8	20	16	11	3	23	26	21	1	0	- 3	-11	- 1	3	5	1		20	35	45	14.3
DALE	MIN	-35	-32	4	-12	- 8	- 5	- 5	- 8	-12	- 4	- 4	- 4	- 5	0	2	0	- 9	-18	3	-16	-25	-19	-20	-23	-28	-20	-13	-12		- 9	6	26	-10.0
	MAX	- 2	17	23	20	15	13	22	20	16	19	28	19	16	17	17	18	27	22	18	3	13	13	10	2	14	9	7	1	5	36	42	16.1
G	MIN	-18	-17	3	-10	- 2	- 7	1	9	2	-13	10	- 1	2	6	8	12	- 1	10	1	-19	-11	-12	-19	-22	- 2	- 5	- 8	-15	-21	- 5	12	- 4.3
	MAX	- 9	15	20	18	18	24	24	19	9	28	23	4	23	22	4	2	18	31	20	- 1	2	- 8	-15	- 5	2	4	- 1	10	18	35	40	12.7
WB AIRPORT	MIN	-28	-14	- 2	- 4	- 1	7	3	6	-16	6	0	- 8	- 2	0	- 4	-14	-15	11	- 7	-13	- 9	-17	-23	-28	-15	-18	-10	- 2	2	8	28	- 5.8
	MAX	- 4	4	18	14	8	20	20	17	19	21	22	5	14	23	13	20	10	22	13	1	18	12	- 8	0	12	0	0	-13	0	22	40	11.7
NDEN	MIN	-18	-15	- 2	- 3	- 6	- 6	10	4	-10	-14	4	- 4	- 3	2	- 3	2	- 3	- 5	-12	-22	1	-24	-29	-28	- 3	-13	-30	-31	-32	- 3	19	- 8.9
	MAX	1	5	22	18	25	20	23	22	15	15	20	8	16	16	17	9				2	0	- 8	-10	-10	0	0	1	- 8	16	35	42	11.1
N	MIN	-25	-22	4	2	0	- 2	3	- 4	- 7	-11	7	-15	- 2	- 1	0	- 1				-21	-25	-22	-26	-20	-16	-19	-23	-19	8	25	- 8.6
	MAX	- 3	5	17	12	12	21	26	22	18	27	27	19	18	19	25	18	24	25	24	3	15	13	- 5	0	18	7	7	- 1	10	26	37	15.7
YATES	MIN	-12	-15	- 3	- 1	- 5	- 5	5	5	7	-14	12	1	- 1	8	5	0	2	1	- 2	-21	-13	-11	-25	-27	- 3	0	- 9	-11	-24	- 1	20	- 4.4
	MAX	- 2	19	21	22	18	19	19	23	20	20	29	16	19	23	19	15	30	31	22	4	17	4	- 4	2	13	11	7	13	15	38	43	17.6
LM WILDLIFE REF	MIN	-23	-12	7	-15	- 4	- 3	- 5	- 6	2	- 6	3	- 6	6	3	- 3	- 2	- 2	12	- 3	-20	- 7	-11	-13	-20	- 2	- 8	- 3	0	0	- 2	23	- 3.9
	MAX	- 8	14	25	21	25	28	27	24	15	20	22	4	19	13	10	5	14	32	28	- 5	- 6	- 9	-15	- 2	0	- 2	4	3	20	36	42	13.0
RTON	MIN	-28	-15	-12	10	-10	4	6	0	- 9	- 4	3	- 9	- 3	0	-10	-12	-15	5	- 5	-24	- 9	-17	-18	-26	-20	- 8	-10	-20	-14	13	32	- 7.3
	MAX	- 4	11	17	14	11	13	17	19	15	18	26	18	15	17	17	18	22	20	16	2	12	11	6	0	10	7	5	0	5	33	41	13.9
	MIN	-17	-14	0	- 9	- 2	- 8	0	9	2	-13	11	- 3	1	- 1	7	11	- 1	5	0	-19	-11	-13	-19	-24	- 2	- 5	- 9	-17	-23	- 5	13	- 5.0
	MAX	- 6	4	14	14	12	15	30	14	10	17	22	10	16	16	15	14	20	29	18	3	9	4	-10	3	9	4	0	-10	14	26	41	12.2
	MIN	-23	-14	- 8	- 5	- 5	- 3	- 3	2	- 7	-11	10	0	- 1	8	3	0	- 7	1	3	-25	- 8	-18	-25	-26	-10	-10	-21	-25	-22	4	24	- 7.2

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX	- 8	12	22	17	17	30	25	24	8	17	22	7	16	20	9	2	18	28	11	- 3	- 2	-10	-10	2	5	3	1	7	18	35	40	12.
	MIN	-24	-11	5	- 2	- 1	4	4	1	- 4	- 1	1	- 3	3	1	- 7	-10	-13	7	-15	-21	-13	-15	-23	-23	- 8	-15	- 4	- 3	- 3	2	26 - 5.
GRAFTON STATE SCHOOL	MAX	- 4	11	29	27	22	20	28	23	22	9	17	4	12	17	14	7	5	10	11	- 6	6	6	- 4	- 5	5	4	- 3	- 4	0	30	42	11.
	MIN	-18	-20	- 2	- 3	1	- 5	5	6	- 2	-10	2	-12	- 4	- 6	1	- 2	- 8	-11	- 7	-21	-12	-24	-25	-27	-18	- 8	-15	-35	-34	- 3	13 - 9.
GRAND FORKS CAA	MAX	- 7	8	19	16	9	13	22	22	22	17	18	3	13	20	12	8	4	15	4	- 3	10	5	- 6	- 6	3	3	- 3	-11	1	21	40	9.
	MIN	-18	-20	- 1	- 3	- 4	- 5	8	2	- 8	- 9	- 2	-12	- 2	- 5	0	- 1	- 8	- 7	-13	-22	- 6	-26	-31	-27	- 7	-10	-29	-32	-32	- 2	17 -10.
GRAND FORKS UNIVERSITY	MAX	- 6	13	20	15	14	13	23	22	20	15	18	4	13	19	19	9	5	13	14	- 5	8	7	- 6	- 6	4	3	- 3	- 8	- 3	20	42	10.
	MIN	-17	-21	- 8	3	0	- 8	5	4	- 4	-10	4	-11	- 2	- 5	3	- 2	- 6	- 9	- 5	-22	-11	-22	-31	-30	-12	-10	-23	-31	-33	- 5	-10.
GRAND RAPIDS 1N	MAX		15	26	22	16	14	26	19	15	16	26	18	16	19	16	14	24	23	18	4	12	10	- 2	1	12	6	5	0	3	36	42	15.
	MIN	-16	-17	- 4	-11	- 3	- 9	- 3	9	- 2	-16	7	- 4	3	- 3	6	12	- 4	- 5	- 7	-24	-10	-12	-22	-27	- 3	-10	-15	-18	-32	- 3	17 - 7.
GRANVILLE	MAX	- 5	6	28	24	24	27	23	26	13	24	17	6	21	16	8	7	2	28	19	- 1	- 2	-10	-10	- 2	2	- 5	0	0	21	36	41	12.
	MIN	-27	-17	3	0	- 7	5	5	- 1	- 6	- 7	4	-14	0	0	- 2	- 6	-17	- 7	- 3	-29	-12	-20	-20	-30	-18	-13	-12	-24	-19	5	27 - 8.
GRENORA	MAX	-10	13	17	20	20	27	23	20	8	30	20	4	23	20	6	2	20	29	22	- 6	0	- 6	-11	3	- 2	- 7	6	10	14	32	42	12.
	MIN	-27	-12	5	- 2	- 5	12	3	4	-15	0	- 3	-11	- 4	- 9	- 7	-15	-15	10	-10	-17	-21	-19	-25	-27	-16	-17	- 7	- 1	- 2	7	32 - 6.
HANKINSON R R STATION	MAX	3	5	17	27	19	14	31	19	22	17	30	29	10	16	21	21	25	20	26	11	9	18	0	- 3	10	23	11	5	-11	1	34	15.
	MIN	-11	-14	-11	- 3	- 4	- 8	- 5	4	6	-15	-11	- 3	- 2	0	10	- 1	3	- 3	0	-21	-21	- 2	-25	-22	-15	- 7	-10	-16	-29	-29	- 5	- 8.
HANNAH	MAX	-11	10	25	21	17	24	22	24	23	14	16	0	11	15	5	4	- 1	14	10	- 5	- 6	- 9	-13	-11	- 3	- 1	- 6	-10	11	26	38	8.
	MIN	-24	-19	2	1	-10	1	3	3	-11	-10	- 3	-17	- 5	- 2	- 5	- 5	- 5	-10	-12	-12	-25	-18	-27	-28	-35	-22	-12	-20	-28	-26	4	20 -11.
HANSBORO	MAX	- 9	14	28	21	17	27	27	24	20	14	25	4	12	15	2	4	3	13	15	- 5	- 6	-10	- 6	-10	2	1	- 5	- 3	11		39	9.
	MIN	-25	-20	5	5	- 5	2	2	3	- 7	- 8	4	-13	- 3	- 2	- 5	- 6	-16	-11	-10	-24	-15	-25	-24	-31	-21	-10	-20	-24	-25		25 -10.
HETTINGER	MAX	7	19	28	23	23	27	30	26	19	33	31	11	27	25	13	15	28	32	23	12	3	- 8	- 8	2	12	8		13	32	42	42	19.
	MIN	-19	- 3	5	3	3	8	6	0	- 3	5	10	1	1	7	- 1	- 4	- 3	13	- 3	- 2	- 9	-11	-24	-12	0	- 6	- 4	3	- 1	20	31	0
HILLSBORO	MAX	- 4	9	20	18	12	16	15	22	19	14	21	12	17	20	19	10	10	19	15	- 1	13	11	- 8	- 6	13	5	1	- 6	- 5	21	42	11.
	MIN	-17	-22	- 8	- 7	1	-12	5	5	- 1	-14	12	- 8	- 1	- 9	3	4	- 4	-10	- 1	-20	-12	-18	-28	-28	-10	-10	-12	-28	-34	-10	12 - 9.
JAMESTOWN CAA	MAX	- 5	8	22	15	15	18	25	17	15	13	22	5	16	16	11	13	14	28	15	- 4	8	1	- 6	- 2	10	4	3	0	8	33	41	12.
	MIN	-20	-18	0	- 4	- 6	- 6	7	- 1	-10	-12	5	0	- 2	- 1	4	2	- 3	2	-12	-22	- 4	-20	-23	-24	- 3	-12	-11	-25	-25	- 4	30 - 7.
JAMESTOWN STATE HOSP	MAX	- 6	8	22	15	12	21	25	18	16	10	22	12	12	15	15	13	13	29	16	- 1	8	5	- 8	- 4	5	2	1	- 3	8	34	43	12.
	MIN	-20	-17	0	- 1	0	- 5	- 4	3	- 4	-10	10	0	0	0	4	4	- 3	5	- 1	-20	- 9	-17	-19	-24	- 5	-11	-10	-14	-26	- 3	24 - 5.
KENMARE	MAX	-11	- 3	17	27	20	23	27	23	23	17	27	5	8	22	8	4	- 3	21	27	- 1	- 5	- 5	-13	-15	- 7	0	4	- 2	10	24	41	10.
	MIN	-26	-20	- 8	10	- 6	- 5	10	5	-10	-13	4	-13	-11	4	- 5	-11	-15	- 6	- 3	-25	-15	-15	-20	-25	-22	-23	-11	-18	-20	8	21 - 9.
KENSAL WILDLIFE REFUGE	MAX	- 8	10	24	24	18	22	22	22	18	9	25	12	15	16	13	12	11	22	18		6	3	- 6	- 1	8	8	1	- 7	10	31	41	13.
	MIN	-22	-20	- 1	- 1	- 4	- 5	4	- 3	- 3	-12	6	-10	- 3	- 3	0	0	- 8	0	- 1	- 8	-10	-15	-24	-27	- 8	-15	-15	-24	-30	- 3		- 8.
LANGDON EXP FARM	MAX	- 8	5	26	23	16	23	28	24	22	10	13	5	11	14	7	10	1	14	11	5	- 2	- 9	- 9	- 8	- 1	- 2	- 5	- 7	11	28	40	9.
	MIN	-23	-20	- 2	0	- 8	- 1	5	2	- 2	-12	5	-17	- 6	- 3	- 2	- 3	- 9	-11	- 7	-24	-12	-20	-28	-30	-17	-12	-12	-27	-28	2	18 - 9.
LARIMORE	MAX	0	10	28	25	20	21	29	27	21	10	19	10	11	17	12	7	5	19	17	- 3	8	6	- 3	- 4	6	4	- 2	- 1	7	32	41	12.
	MIN	-19	-20	- 2	2	0	- 3	12	5	- 5	-11	6	- 9	- 2	- 6	3	0	- 4	- 5	- 5	-21	-13	-20	-27	-24	-13	- 7	-18	-24	-22	3	24 - 7.
LEEDS	MAX	- 9	7	24	19	20	24	27	22	16	16	18	6	18	17	7	16	5	20		- 2	- 7	-16	- 8	0	5	- 2	- 7		20	32	41	11.
	MIN	-26	-16	3	3	- 8	5	9	- 2	- 7	- 9	6	-16	0	- 2	- 7	- 8	- 8	-27	-20	-25	-28	-18	- 5	-18	-25	-25			6	26 - 8.
LINTON	MAX	- 6	14	17	10	12	15	14	22	10	18	25	13	18	28	18	10	27	25	12	0	4	4	- 5	1	13	8	6	8	15	38	43	14.
	MIN	-25	-17	- 4	-12	- 7	- 6	- 3	- 4	- 3	-10	3	- 2	6	1	0	- 1	- 4	0	- 5	-22	- 5	-12	-13	-25	- 2	- 1	0	0	- 8	- 5	17 - 5.
LISBON	MAX			14	12	14	6	15	14	25	16	28	26	10	16	18	16	11	25	15	19	10	10	8	8	11	12	9	4	0	9	27	14.
	MIN	-17	-17	- 2	- 4	- 4	-10	6	5	0	-17	0	- 7	- 1	- 7	9	5	- 1	- 3	-12	-22	-15	-17	-23	-25	-13	-13	-15	-23	-32	-31	0 - 9.
MADOCK AGR SCHOOL	MAX	- 8	6	21	17	15	24	21	20	17	15	19	8	17	17	14	9	4	25	14	- 3	0	- 4	-10	- 4	1	4	- 2	- 8	16	31	41	10.
	MIN	-25	-20	2	- 5	-10	- 4	3	- 1	- 6	-12	6	-17	- 1	- 2	- 1	2	-11	- 6	- 4	-28	-10	-20	-23	-29	-15	- 9	-16	-26	-26	3	21 - 9.
MANOAN EXP STATION	MAX	- 3	- 2	15	21	18	16	19	20	23	7	23	23	10	18	23	11	5	25	29	6	2	4	- 9	- 8	3	7	4	3	8	15	40	12.
	MIN	-23	-21	- 2	- 8	- 6	- 5	0	- 6	- 1	- 6	3	0	1	4	- 1	0	- 8	- 2	- 1	-20	-16	-11	-14	-21	-12	- 6	-11	- 1	- 4	0	6 - 6.
MANOAN FT LINCOLN PARK	MAX	5	13	23	18	17	17	26	23	15	15	24	11	17	23	14	6	26	32	22	9	5	- 5	- 5	4	11	6	6	7	16	36	44	15.
	MIN	-22	-13	5	- 9	- 2	- 6	- 1	- 5	- 3	- 7	7	- 6	3	5	0	0	- 6	9	- 1	-23	- 9	-12	-16	-23	- 5	- 6	-10	- 2	- 3	0	25 - 4.
MARMARTH	MAX	12	17	20	23	22	22	20	20	18	30	29	20	25	28	21	6	29	28	16	10	5	- 6	-10	7	16	10		18	38	38	41	19.
	MIN	-23	-10	- 3	- 9	- 4	- 4	- 4	- 4	-10	5	10	- 1	- 5	10	4	- 2	- 7	3	- 5	- 5	- 7	-10	-29	-12	- 4	-11	- 9	10	- 5		23 - 3.
MAX	MAX	5	8	14	20	18	15	28	28	24	6	20	10	12	22	20	- 2	- 2	17	25	15	7	- 4	- 2	-14	- 2	- 5	4	4	3	12	34	11.
	MIN	-27	-25	2	- 2	- 2	- 2	4	2	2	- 5	0	- 5	- 5	4	- 4	- 7	-14	-11	0	-23	-12	-16	-17	-24	-14	-15	-12	-15	-10	- 5	3 - 8.
MAYVILLE	MAX	- 3	7	25	22	15	14	22	22	20	12	20	10	15	17	17	9	6	15	15	- 3	9	9	- 6	- 7	8	2	0	- 6	- 2	31	43	11.
	MIN	-19	-20	- 1	- 3	2	- 8	7	2	1	- 9	10	- 7	- 1	- 8	4	- 2	- 3	- 5	- 7	-22	-10	-19	-26	-26	-12	-12	-18	-28	-26	- 6	21 - 8.
MC CLUSKY	MAX	-10	9	20	15	15	20	25	22	14	12	21	9	14	22	12	9	19	25	15	- 4	0	- 4	- 9		4	11	0	2	15	29	40	12.
	MIN	-24	-16	4	2	- 2	4	7	- 1	- 5	- 6	8	- 9	3	4	- 1	- 2	-10	4	- 8	-23	- 8	-16	-17	-20	- 5	-14	-10	-13	-12	5	23 - 5.
MC HENRY 5 N	MAX	- 8	4	20	17	13	18	21	21	17	8	18	11	11	14	12	8	2	24	11	- 6	3	- 1	-10	- 6	4	2	- 3	- 7	9	28	39	9.
	MIN	-25	-20	- 5	- 5	- 1	- 4	6	- 1	- 4	-13	6	-14	- 4	- 4	- 1	0	-15	- 5	- 6	-26	-12	-19	-24	-30	-11	-13	-16	-23	-25	- 3	18 - 9.
MC LEOD 3 E	MAX	- 4	8		14	10	20	27	22	20	22	26	18	20	20	15	19	15	25	18	8	15	17	- 5	- 3	18	8	9	0	0	27	40	15.
	MIN	-14	-16	-10	- 3	- 5	2	5	5	4	-20	14	- 5	0	- 2	10	- 2	- 3	- 5	- 1	-23	-14	-15	-27	-30	- 5	-12	-14	-26	-32	- 8	38 - 6.
MEDORA 4 NNE	MAX	10	22	25	24	24	30	28	27	20	31	28	11	25	25	25	11	32	34	27	13	3	- 4	- 5	4	13	10	8	18	38	42	44	20.
	MIN	-33	- 7	- 5	-13	-12	- 5	- 4	-10	- 9	- 2	7	0	- 1	0	1	- 5	- 6	5	- 6	-21	- 6	-10	-33	-13	- 4	-15	- 9	- 6	- 9		27 - 6.
MINOT CAA	MAX	- 5	18	23	22	21	27	23	24	10	20	24	7	18	12	5	2	15	27	21	- 6	- 4	-12	-13	- 5	0	3	0	- 1	20	36	41	12.
	MIN	-25	- 7	10	7	- 4	9	12	4	- 7	- 4	- 3	- 8	3	- 2	- 6	- 9	-13	13	-16	-23	-14	-19	-24	-24	-14	- 9	- 9	-15	- 8	17	32 - 5.
MINOT EXP FARM	MAX	- 8	14	23	21	18	24	23	24	14	18	23	5	15	14	7	19	13	23	23	- 6	- 4	-12	-12	- 5	- 2	- 2	3	1	19	34	40	11.
	MIN	-26	-12	8	6	- 5	7	6	0	- 7	- 3	3	-10	4	1	- 7	-10	-15	5	- 8	-26	-14	-19	-18	-27	-20	-13	-13	-18	-10	10	28 - 6.
MOHALL	MAX	- 6	14	25	20	22	28	27	22	14	20	20	3	17	12	2	2	5	17	11	- 7	- 4	-10	-11	-10	- 3	4	1	2	17	34	40	10.
	MIN	-28	-17	5	3	- 8	7	3	4	-12	- 4	3	-16	- 4	- 6	-11	-11	-19	- 8	-11	-28	-10	-20	-20	-28	-24	- 9	-14	-26	-13	4	30 - 9.
MOTT	MAX	8	18	26	23	24	28	25	26	18	25	26	12	21	24	14	6	29	34	22	2	6	- 4	- 6	0	16	12	7	12	26	40	42	18.
	MIN	-30	-11	2	-10	- 1	- 7	- 1	- 6	- 4	- 1	10	- 2	- 3	3	3	7	- 5	- 1	- 3	-15	- 6	-11	-26	-16	- 5	-14	-11	- 1	- 3		20 - 5.
MUNICH 4 SW	MAX	-11	5	22	21	15	22	27	22	18	13	18	2	9	15	5	4	- 2	17	16	- 4	- 6	- 7	-14	-12	- 5	- 2	- 6	- 9	9	26	38	7.
	MIN	-25	-21	- 3	- 3	-10	- 3	2	2	- 7	-10	2	-13	- 4	- 4	- 3	- 3	-14	-10	-12	-25	-10	-26	-29	-32	-18	-14	-20	-29	-29	0	18 -11.
NAPOLEON 1 SE	MAX	- 6	8	17	14		15	24	21	12	17	29	12	15	21	16	12	22	24	26	0	7	3	-10	0	9	5	5	4	11	31	40	13.
	MIN	-23	-13	2	- 1	- 7	0	0	5	- 7	-12	10	- 6	2	- 1	2	0	- 6	8	- 2	-24	-11	-17	-19	-24	- 4	-11	-10	-11	-19	4	23 - 5.
NEW ENGLAND	MAX	7	20	28	22	25	29	25	23	15	31	32	9	20	23	12	18	34	33	22	2	- 7	-11	0	12	12	9	13		42	42		18.
	MIN	-26	- 1	5	4	- 3	0	3	0	- 5	1	8	- 3	- 5	4	- 4	- 4	- 9	- 5	-18	- 7	-11	-25	-13	- 3	-11	- 9	3	9		29		- 3.
NEW SALEM 1 S	MAX	0	15	21	19	23	19						7	18	21		5	26	30		3	4	- 8	- 3	0	15	10	12	15	16	35	33	14.
	MIN	-23	-10	- 5	-17	- 8	- 5	-12	- 8	-12	- 8		- 3	3	2	- 2	- 2	- 9	- 9	0	-12	-25	- 8	-12	-15	-20	-10	- 6	- 7	0	2	12	10 - 7.

See Reference Notes Following Station Index

DAILY TEMPERATURES

NORTH DAKOTA
JANUARY 1952

le 5 - Continued

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
S	MAX	3	- 5	14	15	15	10	15	20	20	17	23	25	12	20	18	15	12	25	21	9	8	14	- 4	- 2	8	13	4	5	- 2	7	23	12.2
	MIN	-18	-17	-12	- 8	- 8	-10	- 1	1	8	- 9	-11	- 4	- 3	0	8	8	2	- 2	- 5	-20	-12	-10	-22	-30	-16	-10	-12	- 9	-23	-23	- 3	- 8.7
RIVER	MAX	- 2	10	26	25	20	25	30	26	22	9	20	7	13	14	10	5	3	13	12	- 2	2	0	- 5	- 6	4	3	0	- 6	10	34	43	11.8
	MIN	-17	-15	2	7	2	2	15	5	- 2	-10	7	-12	- 2	- 4	2	0	- 4	- 6	- 2	-20	-10	-20	-24	-22	-14	-10	-19	-22	-21	8	28	- 5.7
HALL	MAX	- 5	14	27	18	20	28	24	24	15	20	16	5	24	16	10	8	19	31	19	0	- 4	- 7	- 8	- 2	4	4	- 1	6	22	38	40	13.7
	MIN	-33	-20	2	- 8	-12	- 1	- 1	- 6	- 9	- 2	3	- 5	2	1	- 5	-16	-20	2	- 8	-25	-11	-14	-20	-30	-16	-20	-17	- 5	2	1	20	- 8.7
INA 2N	MAX	- 4	7	30	30	25	17	30	30	23	9	12	9	9	17	17	7	2	15	2	- 4	5	5	- 8	- 6	6	6	5	- 8	- 6	26	42	11.2
	MIN	-19	-17	- 3	- 2	- 6	- 1	1	8	- 1	- 5	- 1	- 9	-11	- 4	5	2	- 7	- 4	-19	-20	-14	-23	-27	-24	-12	-13	-16	-32	-37	- 8	23	- 9.5
RSBURG	MAX	- 5	6	25	22	14	19	27	24	23	10	17	7	14	18	11	11	8	22	23	1	5	- 8	- 5	- 5	7	6	- 2	- 8	7	30	42	11.8
	MIN	-22	-18	- 3	1	- 3	- 1	8	0	- 9	-11	6	-11	- 5	- 3	2	- 2	- 1	- 4	- 8	-24	-13	-22	-30	-22	-14	-10	-18	-28	-25	1	20	- 8.7
IBONE	MAX	- 7	7	18	14	13	15	15	29	12	13	20	10	15	17	15	11	10	26	16	- 4	5	0	- 6	6	5	5	5	0	13	30	40	11.9
	MIN	-26	-17	- 2	- 4	- 2	- 5	2	2	- 8	-12	9	- 8	0	- 2	2	7	- 8	2	- 4	-25	-10	-17	-20	-27	- 8	-12	-12	-14	-22	0	23	- 7.0
AL	MAX	-13	- 7	14	23	11	21	28	25	12	20	26	2	2	27	13	2	- 7	17	27	- 6	- 5	- 5	-16	-18	-10		- 2	3	7	20	39	8.3
	MIN	-30	-21	-13	6	- 5	- 4	6	-17	-17	- 6	-20	-12	0	- 5	-16	-21	- 7	- 7	-28	-20	-18	-25	-30	-20		-16	-12	-13	6	19	-11.3
RS LAKE 1N	MAX	-10	13	23	17	17	27	25	16	17	24	21	5	20	16	1	1	11	28	16	- 3	- 7	- 9	-19	- 9	- 1	5	0	13	20	36	38	11.4
	MIN	-32	-19	- 1	- 1	-10	- 7	- 1	4	-10	- 2	- 3	-10	- 6	1	- 5	-16	-14	- 3	- 9	-28	-12	-19	-22	-30	-23	-18	-12	- 5	3	2	28	- 8.6
ARDTON ABBEY	MAX	2	17	26	22	23	27	30	24	19	23	30	8	19	17	12	5	28	32	25	2	- 2	- 8	- 7	- 1	6	4	3	18	29	38	40	16.5
	MIN	-22	- 4	10	7	6	7	11	3	- 1	2	7	- 2	2	7	2	- 6	- 5	13	- 3	-14	- 8	-13	-18	-16	- 4	- 4	- 6	1	- 1	21	28	0.0
RDALE	MAX	- 8	15	22	16	15	28	26	22	13	17	21	5	15	18	8	4	20	27	18	- 7	- 2	- 9	-11	- 2	0	3	1	9	16	36	42	12.2
	MIN	-24	-12	7	2	- 2	3	5	- 2	- 2	- 5	4	- 3	4	4	- 4	- 7	- 8	8	- 7	-22	- 9	-14	-20	-23	- 7	-13	- 9	- 2	- 5	9	28	- 4.1
	MAX	-11	6	22	28	15	21	26	21	16	14	23	3	11	15	2	4	0	15	17	- 4	- 6	-14	- 4	- 8	- 1	1	- 4	- 1	11	29	39	9.2
	MIN	-27	-19	4	5	- 2	0	4	3	- 5	- 8	2	-11	- 3	0	- 5	- 6	-14	- 4	-13	-21	-15	-20	-22	-30	-16	- 6	-18	-27	-24	9	21	- 8.6
	MAX	- 9	8	22	18	17	23	27	24	20	18	16	7	15	19	14	9	5	23	21	- 5	- 3	- 4	- 8	- 5	- 2	3	0	- 5	16	33	40	11.5
	MIN	-27	-17	0	1	- 9	1	2	3	- 4	- 8	5	-12	0	0	- 2	0	-16	- 5	- 2	-26	- 7	-17	-20	-29	-13	- 6	-12	-27	-23	2	25	- 7.8
AVEN	MAX	2	6	22	29	18	23	32	24	20	14	23	4	12	18	6	4	8	19	18	- 6	- 6	-10	- 5	-12	4	3	0	1	11	30	39	11.3
	MIN	-27	-21	0	5	- 2	- 1	5	9	- 1	- 8	3	-12	- 3	4	- 2	- 3	-13	- 8	- 6	-22	-12	-18	-20	-31	-16	- 5	-10	-18	-19	5	20	- 7.3
H	MAX	- 8	- 5	20	21	19	10	28	21	22	15	19	11	12	17	17	7		21	29	6	0	- 3	- 8	-11	- 2	2	6	2	7	18	45	11.3
	MIN	-32	-32	-22	-12	-10	-11	- 1	- 4	- 6	-10	2	- 4	- 4	0	0	-10	-21		2	-21	-21	-10	-17	-31	-17	-20	-17	- 4	- 1	0	29	-10.2
N	MAX	- 5	5	20	19	10	20	28	22	25	10	22	10	13	15	20	8	4	23	15	- 5	5	3	-10	- 5	9	5	- 4	- 8	5	29	40	11.2
	MIN	-22	-16	- 2	0	- 2	- 2	7	4	- 4	-11	3	- 8	- 3	0	2	0	- 8	- 4	- 5	-22	-13	-19	-26	-26	-10	-11	-19	-24	-22	0	22	- 7.8
EY	MAX	- 8	14	18	20	19	25	19	20	10	23	21	7	19	17	5	3	18	28	19	- 3	- 6	- 6	-11	- 6	1	3	- 4	7	19	33	39	11.7
	MIN	-30	-15	8	5	-13	5	0	1	-12	0	- 3	- 9	- 3	- 2	- 4	-13	-15	7	-14	-24	-12	-16	-22	-26	-16	-15	-11	- 7	1	11	26	- 7.0
E	MAX	- 7	8	20	14	13	15	23	18	16	15	23	12	18	18	16	13	20	24	18	0	5	2	- 7	0	10	4	4	2	16	33	43	13.2
	MIN	-23	-16	0	- 6	- 1	- 3	0	2	- 4	- 9	10	- 2	2	- 3	4	4	-10	- 5	- 3	-26	- 7	-14	-13	-25	- 6	-12	- 3	-10	-15	-13	8	- 6.4
R	MAX	- 3	4	25	20	15	19	24	25	14	22	14	4	17	17	12	3	5	25	18	- 7	- 3			-10	- 5	0	5	- 4	2	20	35	43	11.9
	MIN	-29	-22	- 2	-12	- 4	1	0	11	-10	-10	- 4	-18	- 4	0	- 2	-12	- 5	- 5	-11	-29	-12	-20	-23	-33	-18	-12	-29	-23	-25	- 4	24	-11.0
E LAKE	MAX		15	22	15	17	26	22	21	13	14	21	9	17	24	10	9		26	19	- 4	- 1	- 5	-10		5				18	34	40	15.1
	MIN		-24	6	- 4	- 3	0	0	- 4	- 5	- 7	5	- 9	3	- 2	- 5	- 3		- 9	- 6	-26	- 9	-17	-22		-12				-16	7	29	- 5.3
3N	MAX	- 7	11	25	23	15	29	22	26	15	17	16	4	16	18	14	5	5	23	16	- 5	- 3	- 7	- 7	- 4	2	4	0	- 2	15	38	41	11.8
	MIN	-30	-20	- 5	- 7	-11	- 4	1	3	- 6	- 7	2	-17	- 3	- 1	- 4	- 6	-18	- 8	-11	-30	- 8	-19	-21	-33	-20	-11	-14	-30	-21	- 5	19	-11.1
Y CITY	MAX	3	5	18	18	15	13	25	20	18	14	24	18	13	20	18	11	12	23	20	- 1	10	10	- 6	0	11	7	5	- 4	5	32	42	13.5
	MIN	-17	-17	- 1	- 2	0	- 7	5	7	5	-12	12	0	0	- 5	6	3	- 4	- 1	- 1	-20	-10	-14	-24	-24	- 5	- 7	-11	-19	-31	- 1	20	- 5.6
OOK	MAX	- 5	16	25	18	16	28	22	22	17	20	23	4	20	16	9	3	19	32	24	0	- 2	- 8	-11	- 6	2	6	1	4	21	38	41	13.4
	MIN	-27	-18	6	- 7	- 8	- 2	0	0	- 9	- 2	4	- 4	3	3	- 3	-12	-16	2	- 4	-22	- 9	-13	-18	-28	-13	-18	-13	- 2	1	2	23	- 6.6
	MAX	- 6	15	27	22	22	27	25	26	14	22	21	6	20	15	7	8	14	30	20	- 4	- 3	- 8	- 7	- 4	1	3	0	1	24	38	43	13.5
	MIN	-25	-14	6	0	- 7	6	3	- 4	- 3	- 6	5	-10	4	3	- 2	- 6	-13	- 5	- 7	-27	- 9	-18	-18	-30	-19	-10	-13	-23	-16	8	28	- 7.2
ON STATE SCHOOL	MAX	- 4	9	24	19	15	25	23	21	18	21	24	18	18	26	25	25	25	25	20	2	18	17	- 8	- 1	19	7	5	- 2	- 2	25	38	16.0
	MIN	-15	-14	- 3	0	- 6	- 5	10	14	4	-11	14	- 4	2	- 1	9	- 4	0	- 6	- 4	-22	-12	-16	-28	-26	- 3	-11	-12	-30	-30	- 9	16	- 6.5
RN	MAX	- 6	13	25	17	17	22	22	21	17	14	24	10	14	14	14	7	21	27	21	- 2	1	- 3	- 9	- 2	6	4	1	6	18	40	43	13.5
	MIN	-26	-11	6	- 5	- 2	2	0	- 3	- 2	- 5	8	- 3	4	4	- 7	- 5	-11	5	- 4	-21	- 9	-15	-15	-27	- 6	-12	-11	- 6	- 1	1	27	- 4.8
O CITY	MAX	- 4	16	21	17	19	25	24	22	18	29	26	8	23	17	10	7	22	33	15	7	1	- 7	-10	- 4	4	5	1	12	25	37	41	14.8
	MIN	-27	-11	5	0	- 6	4	4	5	-10	1	0	- 4	2	1	- 3	-11	-10	13	- 6	-15	- 9	-14	-22	-23	- 8	-15	-10	- 3	- 3	12	28	- 4.4
PE	MAX	- 9	12	25	23	13	29	23	23	16	15	17	4	12	13	6	5	5	16	10	- 6	0	-11	- 5	- 9	- 2	5	- 2	0	12	33	39	10.1
	MIN	-31	-20	0	- 5	-12	0	2	5	- 8	- 5	2	-12	- 1	0	- 6	-10	-20	- 8	- 6	-29	-15	-22	-22	-33	-22	-11	-12	-32	-20	- 2	23	-10.7
TON W8 CITY	MAX	- 1	19	22	19	20	24	24	21	15	29	26	7	23	20	7	- 1	23	30	17	- 6	- 2	- 8	-13	- 4	1	4	3	12	20	35	41	14.2
	MIN	-25	- 7	6	0	- 4	8	4	5	-10	15	- 1	- 6	3	- 2	- 3	-12	-10	14	-10	-14	- 8	-14	-22	-21	-10	-16	- 2	3	2	10	30	- 3.1
CITY	MAX	- 8	10	23	20	13	27	22	22	16	16	16	4	17	18	9	8	1	17	10	- 5	- 3	- 6	-10	- 6	0	5	- 2	-12	12	27	42	9.8
	MIN	-29	-24	- 8	-11	-15	- 9	- 4	- 2	- 7	-10	0	-15	- 5	- 7	- 5	- 5	-17	-10	-15	-31	-10	-21	-24	-37	-20	-10	-14	-37	-25	- 8	22	-13.3
RR STATION	MAX	- 5	2	19	20	15	14	23	26	19	6	25	20	9	18	21	9	5	20	23	3	- 1	1	-11	- 9	1	4	3	1	2	23	38	11.1
	MIN	-26	-26	- 2	- 1	1	- 3	4	2	1	- 9	0	- 5	- 5	1	- 4	- 2	-10	- 5	1	-24	-20	-14	-18	-24	-15	-11	-12	-10	-11	- 5	9	- 7.8
	MAX	6	- 1	10	20	13		22	26	17	10	29	24		20	20	15	15	25	27	8	2	10	-14	-10	8	15		6	4	16	35	13.5
	MIN	-24	-25	- 6	- 3	-10		-12	- 2	2	-15	- 2	- 9		- 2	0	1	- 8	- 4	- 5	-27	-22	-14	-20	-28	-12	- 7		-13	-26	- 4	10	-10.3

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKO
JANUARY 19

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
ALMONT 7 SW	SNOWFALL	T										T	0.2	T	0.6	T	T	1.3				1.0	0.7		0.5	0.3	T	T				
	SN ON GND	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	9	9	9	9	10	10	10	11	11	11	11	11	11	11	1
AMENIA	SNOWFALL	2.0													1.0		1.0					4.0										
	SN ON GND	13	13	12	12	12	12	11	11	11	11	11	10	10	11	11	12	12	12	12	12	16	16	16	16	16	16	16	16	16	16	1
AMIDON	SNOWFALL	0.5											T	T	T	T						T	0.9	T	0.7	1.1					
	SN ON GND	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	12	13	13	13	13	13	13	1
ASHLEY	SNOWFALL	1.0													1.0	0.5						3.5	1.5			1.0			1.0		
	SN ON GND	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	13	14	14	14	15	15	15	16	16	16	1
BEACH	SNOWFALL	0.7											0.3			0.2		0.2					2.0	0.7	0.6	0.7					
	SN ON GND	7	7	7	7	7	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	7	7	7	8	8	8	8	8	7	
BELCOURT INDIAN RES	SNOWFALL												T	T	2.0	0.5	T	T				1.0	T			T		0.5			
	SN ON GND	3	3	3	3	3	3	3	3	3	3	3	3	3	5	5	5	5	5	5	5	6	6	6	6	6	6	7	7	7	7	
BELFIELD	SNOWFALL														–	T	T	T	T	–	T	–	T	–	T	–						
	SN ON GND	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	10	9	
BEULAH	SNOWFALL														1.1			T				0.5	0.6	T	0.3	0.1		T	0.3			
	SN ON GND	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10	8	7	
BISBEE	SNOWFALL								0.3			T		T	1.0	0.4				T		3.0	1.0			1.0	T	T				
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	5	6	6	6	7	7	7	7	7	7	
BISMARCK WB CITY	SNOWFALL	2.5								T	T	T	0.3	0.6	T	2.0	T	2.5				1.6	7.0	0.4	0.5	0.7			0.1	1.0		
	SN ON GND	9	9	9	9	8	8	8	8	7	7	7	7	8	7	9	9	12	12	12	12	13	16	15	15	16	15	15	15	16	16	1
BISMARCK AIRPORT	SNOWFALL	T								0.1		0.2	T	0.5	2.0	T	2.1	T		T	T	7.9	1.3	T	0.7	T	T	0.9	0.4			
	SN ON GND	10	10	10	9	8	8	8	7	7	7	7	7	8	8	9	9	11	11	11	10	16	14	14	14	14	14	14	15	14	12	
BOTTINEAU	SNOWFALL												T	0.1		2.0	4	0.2				1.0	1.0			0.5		0.5			
	SN ON GND	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	5	6	6	6	7	7	7	7	7	7	
BOWBELLS	SNOWFALL														2.0	5.0	T	1.0				9	2.0			0.5	T				
	SN ON GND	2	2	2	2	2	2	2	2	2	2	2	2	2	4	8	8	9	9	9	9	9	11	11	11	11	–	–	–	–	–	
CARSON 2 SW	SNOWFALL														1.0							–	–									
	SN ON GND	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	14	15	15	15	15	15	15	15	15	15	1
CENTER	SNOWFALL											T	0.3		1.0							*	4.0						T			
	SN ON GND	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	–	13	13	13	13	13	13	13	13	12	
CROSBY	SNOWFALL								T			T	T		3.0	T	0.5					–	–		–	0.5	–	–	T			
	SN ON GND	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	6	6	5	5	5	6	6	6	6	7	7	7	7	7	6	
DEVILS LAKE WB CITY	SNOWFALL	T				T			T	0.6	T	T	0.1	0.4	0.7	0.2	0.7	0.1		T	T	5.6	1.2	0.1	T	0.5	0.2	0.3	T	T	T	
	SN ON GND	2	2	2	2	2	2	2	2	3	3	3	3	4	3	4	4	5	4	4	4	9	11	11	10	11	11	11	11	11	10	
DICKINSON CAA AP	SNOWFALL									T		T	0.3	T	0.5	0.2	0.1			T	T	1.4	1.2	0.1	0.5	T	T	T	T			
	SN ON GND	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	6	8	8	8	9	9	9	9	9	8	
DICKINSON EXP STA	SNOWFALL	0.5											0.1	0.2	0.1	0.6	0.1	0.4				T	1.7	0.5	0.4	0.5		T				
	SN ON GND	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	7	8	9	9	9	9	9	9	9	
DUNN CENTER	SNOWFALL	0.5											T		T	1.3		T				T	2.0	0.7	0.2	0.8			0.1	0.3		
	SN ON GND	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	9	10	10	10	10	10	10	10	10	
EDMORE 1 W	SNOWFALL										T	T	T			1.0	T		T	T		5.0	2.0			1.0	T	1.0			
	SN ON GND	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	9	11	11	11	12	12	13	13	13	13	
ELLENDALE	SNOWFALL	1.0											T	T	2.5	1.2	T	T				4.0	3.5		T			T	T		
	SN ON GND	8	8	7	7	7	6	6	6	6	5	5	5	5	7	8	8	7	7	6	6	10	14	13	13	13	13	13	13	13	12	
FARGO WB AP	SNOWFALL	T				T			T	0.8	T		T	0.2	T	0.1	0.4	T			T	6.1	2.8	T	T	0.5	T	0.3		T		
	SN ON GND	15	15	15	15	15	15	14	14	14	14	12	10	10	8	8	8	8	8	8	8	13	17	17	17	17	17	17	17	17	17	
FORT YATES	SNOWFALL									T			T	T	1.0	1.0	T					1.0	1.0								
	SN ON GND	10	10	10	10	10	10	10	10	10	10	10	10	10	11	12	12	12	12	12	12	13	14	14	14	14	14	14	14	14	14	
FOXHOLM WILDLIFE REFUGE	SNOWFALL											T	T	0.6	7.0	1.5	T	0.4				4.2	T		0.5	2.0	0.5	0.5				
	SN ON GND	3	2	2	2	2	2	2	2	2	2	2	2	2	9	10	10	10	10	10	10	14	14	14	14	16	16	16	16	16	13	
FULLERTON	SNOWFALL	1.2							T	0.2		T	T	0.2	2.6		0.3			T		3.8	5.8		0.2	0.3		0.2	T			
	SN ON GND	12	12	12	12	12	11	11	11	11	11	11	11	11	14	14	14	14	13	12	12	14	20	20	20	20	20	20	20	20	19	
GARRISON	SNOWFALL								T	T		T	T		2.3	T	0.2					1.4	0.7	0.1	0.1	0.3		0.5			
	SN ON GND	5	4	4	4	4	3	3	3	3	2	2	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
GRAFTON STATE SCHOOL	SNOWFALL									1.0					T		0.8	T	1.5			4.0	3.0		T	1.0	0.5	0.5				
	SN ON GND	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	6	6	10	13	13	13	14	15	15	15	15	15	
GRAND FORKS CAA AP	SNOWFALL	T				T			0.1	1.3		T	T	0.2	0.8	0.3	0.4	T				6.4	2.4	T	T	0.6	T	0.9				
	SN ON GND	9	8	7	6	6	6	4	4	6	6	6	5	5	5	6	6	6	6	6	6	10	15	15	15	15	15	15	13	13	13	
GRAND FORKS UNIV	SNOWFALL	T								1.5				T	9		0.8	0.5	0.8		T	4.4	4.0			T		T			
	SN ON GND	9	9	9	9	8	8	8	8	9	9	9	9	9	9	10	10	11	11	11	11	15	19	19	19	19	19	19	19	19	17	
GRANVILLE	SNOWFALL									T	T	T	T	T	4.0	1.0	T	T		T		3.0	T	T	T	T	T	T			
	SN ON GND	4	4	4	4	4	4	4	4	4	4	4	4	4	8	9	9	9	9	9	9	12	12	12	12	12	12	12	12	12	12	
HANSBORO	SNOWFALL								T			T	0.2	T	2.0	0.5	T			T		3.0	1.0				T	1.5			
	SN ON GND	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	5	5	8	9	9	9	9	9	10	10	10	10	
HETTINGER	SNOWFALL												T	T	T		1.0					1.0	–		–						
	SN ON GND	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	
JAMESTOWN CAA AP	SNOWFALL					T				0.6		T	T	T	2.8	1.0	0.4	T		T	T	10.1	2.3	T	T	0.2		0.5				
	SN ON GND	7	7	6	6	6	6	6	6	6	6	6	6	6	7	10	10	10	8	8	8	14	17	17	17	16	16	16	16	16	15	
KENSAL WILDLIFE REF	SNOWFALL									0.3				T	1.0	T	0.3	1.5		T		3.0	1.0			T	0.2	0.5				
	SN ON GND	5	5	5	4	4	4	4	4	4	4	4	4	4	5	5	5	7	6	6	6	9	10	10	10	10	10	10	10	10	10	
KILLDEER 8 NW	SNOWFALL											T			4.0					T	T	2.0		T	T		T	T			
	SN ON GND	8	8	8	8	8	8	8	8	7	7	7	7	7	11	11	11	11	11	11	11	13	13	13	13	13	13	13	13	13	13	
MANDAN EXP STA	SNOWFALL	T								T			T	T	1.0	1.0	T	2.0		T		1.8	1.2	T	1.0	0.7	0.6	T	0.4			
	SN ON GND	7	7	7	7	7	7	7	7	7	7	7	7	7	8	9	9	11	11	11	11	13	14	14	15	16	16	16	16	16	16	
MAYVILLE	SNOWFALL	0.3				T				1.3		T	T	0.5	0.4	1.3	0.3			T		6.0	5.5	T	T	0.5		0.3				
	SN ON GND	9	9	9	8	8	8	7	7	8	8	8	8	8	8	9	9	9	9	9	9	15	20	18	17	17	16	16	16	16	15	
MC CLUSKY	SNOWFALL												.2		1.5							3.2	1.3			1.0		1.0			
	SN ON GND	4	4	3	3	3	3	3	3	3	2	2	2	2	4	4	4	4	4	4	4	7	8	8	8	9	9	10	10	10	10	

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ENRY 5 N	SNOWFALL									T				0.2	T	1.0	0.1	1.0				2.5	1.0	T		T		0.3				
	SN ON GND	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	5	8	9	9	9	9	9	9	9	9	9	8
RA 4 NNE	SNOWFALL											0.1	0.3		0.1	T	0.1	0.1				1.5	1.0	0.2	0.8	0.4						
	SN ON GND	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	7	7	8	8	8	8	8	7	7	7
CAA AP	SNOWFALL									T		0.2	0.2	T	9.4	0.1	0.1	T		T		2.3	1.0	T	0.3	0.2	0.1	0.3				T
	SN ON GND	4	4	3	3	3	3	2	2	2	2	2	2	2	11	12	12	12	11	11	11	13	14	14	14	15	15	15	14	14	13	8
T EXP FARM	SNOWFALL											T	T	T	7.0	1.0	T	T				1.5	1.0	T	0.3	0.5	0.4	0.3				
	SN ON GND	4	4	4	4	4	4	4	4	4	4	4	4	4	11	12	12	12	12	12	12	12	13	13	13	14	14	14	14	14	14	10
LL	SNOWFALL											T		T	4.4	0.2						0.4	1.5		0.1	0.5	0.2	0.1	T			
	SN ON GND	5	5	5	5	5	5	5	5	5	5	5	5	5	9	9	9	9	9	9	9	10	11	11	11	12	12	12	12	12	-	6
PELIER	SNOWFALL	0.2											T	T	2.2	1.0	0.1			T		9.3	2.3		T	0.8		1.0				
	SN ON GND	8	8	8	8	8	8	7	7	7	7	7	7	7	9	10	10	10	9	9	9	18	20	18	17	17	16	17	17	16	14	10
	SNOWFALL											T	T					T			T	1.5	1.3			0.5						
	SN ON GND	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	8	8	10	9	9	9	10	9	9	9	9	8	7
CH 4 SW	SNOWFALL									0.1		T	T	0.2	T	0.7	0.5	0.6		T		4.0	1.0			1.0	0.2	0.8				
	SN ON GND	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	3	3	3	3	3	7	8	8	8	9	9	10	10	10	9	8
LEON 1 SE	SNOWFALL									T			T	0.1	0.7	0.5	0.3					5.0	1.0	T	T	0.6		0.2	0.2	T		
	SN ON GND	6	6	6	6	6	6	5	5	5	5	5	5	5	6	7	7	7	7	7	7	12	13	13	13	13	13	14	14	14	14	13
	SNOWFALL	1.0								T	T		T	0.2		3.0		T				3.5	3.0	0.5	T	0.5		0.2				
	SN ON GND	10	10	10	9	9	9	9	8	8	8	8	8	8	8	11	10	10	10	10	10	14	17	17	17	17	17	17	15	15	15	10
HALL	SNOWFALL											T	T		3.0	T						0.4	0.5		0.3			1.0	T			
	SN ON GNO	6	6	6	6	6	6	6	6	6	6	6	6	6	9	9	9	9	9	9	9	9	10	10	10	10	10	11	11	11	10	9
RSBURG	SNOWFALL	T								1.0				0.2		0.7	0.3	0.9				7.0	0.5			0.5						
	SN ON GND	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	12	12	12	11	11	11	11	11	11	9	6
BONE	SNOWFALL	T								T				T	0.6	0.4	0.3	1.0				2.6	2.0		0.2	T		1.0				
	SN ON GND	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	8	8	8	8	10	12	12	12	12	12	13	13	13	13	11
Y ROCK	SNOWFALL	0.5							T				T	0.5	T		T			T	T	1.5	1.0	0.5		3.0	T		T		T	
	SN ON GND	7	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7	8	8	7	10	10	10	10	8	7	6
ROTON ABBEY	SNOWFALL	0.1										T	0.3		0.6	T	T	0.3		T		1.6	2.0	0.2	0.3	0.2	0.2	T	T			
	SN ON GND	7	7	7	7	7	6	6	6	6	6	6	6	6	7	7	7	7	7	7	6	8	10	10	10	10	10	9	9	9	8	6
DALE	SNOWFALL	T								T	T	T	T	T	-	T	T	-		T	T	-	-	-	T	-		-	T			
	SN ON GNO	6	6	6	6	6	6	6	6	6	6	6	6	6	9	9	9	9	9	9	9	10	11	11	11	12	12	12	12	12	11	9
	SNOWFALL									T		T	T	0.2	2.5	0.3	0.4	0.2				3.0	0.8			0.5	0.3	0.7				
	SN ON GNO	4	4	4	4	4	4	4	4	4	4	4	4	4	7	7	7	8	8	8	8	11	11	11	11	12	12	13	13	13	13	13
AVEN	SNOWFALL	0.2								T			T	T	1.8	1.2	0.2	0.4				4.0	0.5			0.4	0.2	0.5				
	SN ON GNO	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	6	6	6	6	10	10	10	10	10	10	11	11	11	11	10
N	SNOWFALL								0.1					0.5		2.0	0.7	1.0				7.0	3.0					T				
	SN ON GND	8	8	6	6	6	6	6	6	6	6	6	6	7	7	9	10	11	11	11	11	18	21	21	21	21	21	21	21	21	20	16
EY	SNOWFALL												T		5.0	-	T					-	T					T	-			-
	SN ON GNO	6	6	6	6	6	6	6	6	6	6	6	6	6	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12
3 N	SNOWFALL									T		T	T		2.3	1.4	1.5					1.1	4.5	T		1.4	0.5	T				
	SN ON GNO	5	5	5	5	5	5	5	5	5	5	5	5	5	7	8	9	9	9	9	9	10	14	14	14	16	16	16	16	16	15	13
Y CITY	SNOWFALL					T				T			T	T	T	1.6						4.5					0.2				
	SN ON GNO	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	16	16	16	16	16	16	16	-	-	-	-
TON STATE SCHOOL	SNOWFALL	0.5								1.5				0.5	6.0	3.0	T					4.5	2.5			1.0		0.5				
	SN ON GNO	8	8	7	7	7	7	6	6	7	7	7	7	7	13	15	14	13	13	12	12	16	18	18	18	18	18	18	18	18	18	16
PE	SNOWFALL												T		4.0	T	T					8.0	3.0			0.5		T				
	SN ON GNO	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	6	6	6	6	14	17	17	17	17	17	17	17	17	-	-
STON WB CITY	SNOWFALL					T						T	0.1		1.6	0.1	0.4	T		T	T	1.3	1.1	0.1	1.3	T	0.6	0.7	T			T
	SN ON GND	6	5	5	5	5	5	5	5	5	5	5	5	5	7	7	7	7	7	7	7	8	9	10	10	11	10	11	11	11	9	7
CITY	SNOWFALL												T		1.0	1.0	T					2.0				0.5	T					
	SN ON GNO	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	3

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Nat. Hist.

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CLIMATOLOGICAL DATA

NORTH DAKOTA

FEBRUARY 1952
Volume LXI No. 2

NAT
HIST

KANSAS CITY: 1952

NORTH DAKOTA - FEBRUARY 1952

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

February was a mild month with the first two weeks averaging near record hi levels and the last half near to slightly below normal. The only severe blizza conditions occurred on the 18th and 19th when the southern and western portions the state received heavy snow which blocked roads and some branch rail lines. T northeast and north central portions of the state escaped the snow and there was interruption to road and rail travel at any time during the month.

The mean temperature for the month was 17.4 degrees which is 6.9 degrees abo normal. It was the warmest February since 1935. The eastern division averag 17.2 degrees which is 8.2 degrees above normal; the middle division averaged 17 degrees which is 7.4 degrees above normal; and the western division averaged 17 degrees which is 5.1 degrees above normal. The highest temperature recorded duri the month was 51 degrees at Medora on the 11th. The lowest temperature was degrees below zero at Mott on the 21st. The mean temperatures ranged from 13 degrees at Sanish to 21.0 degrees at Almont. At Bismarck and Williston the te perature averaged 19 degrees above normal during the first two weeks of the mont Fargo averaged 17 degrees above and Devils Lake averaged nearly 20 degrees abo normal for this same period. The coldest period of the month was on the 21st a 22nd with the lowest temperatures being observed in the southwest which is qui unusual. During this period the minimum temperature at Park River in the northea part of the state did not go below -4°.

Precipitation for the month averaged 0.59 inch which is 0.12 inch above norma The eastern division averaged 0.63 inch which is 0.08 inch above normal; the midd division averaged 0.45 inch which is 0.01 inch above normal, and the western div sion averaged 0.68 inch which is 0.25 inch above normal. Gackle reported t greatest amount with 1.93 inches and Walhalla reported no precipitation. Snowfa ranged from 23.0 inches at Linton and Hankinson to none at Walhalla. Grafton, Pa River, Pembina, Bisbee and Westhope reported only traces. The portion of t state that lies east of Renville and Ward Counties and north of a line rough through Minot, Rugby, Devils Lake and Grand Forks recorded less than 2 inches snow for the month and has enjoyed one of the finest and most open winters record. Many stations in this area had at least their 3rd warmest and drie Februarys on record. In contrast over 20 inches of snow fell at some static along the South Dakota line.

February was in general a good month. The heavy snow cover over the southern a western portions of the state seriously hampered travel on the highways and duri the blizzard conditions on the 18th and 19th branch line rail travel was also i terrupted in some sections. Yard feeding of livestock was necessary throughc nearly all sections of the state during the month. Bowman and Slope Counti had heavier snow than most other sections of the southwest and as a consequer feed supplies have been very seriously depleted because normally they depend or considerable amount of grazing during the winter months. Livestock, however, we in generally good condition throughout the state at the end of the month.--C

SUPPLEMENTAL DATA

NORMAL DAILY
FEBRUARY 1952

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
RCK WB AP	WNW	14	8.9	42	W	10	84	86	79	85	11	5	4	0	0	0	20	55	7.8
S LAKE WB CITY	-	-	8.2	35	NW	10	-	-	-	-	15	6	0	0	0	0	21	57	7.8
WB AP	N	13	11.2	41	W	10	83	82	76	81	11	7	1	0	0	0	19	59	7.5
STON WB CITY	-	-	6.5	31	W	9	82	84	77	79	9	4	3	0	0	0	16	44	8.1

COMPARATIVE DATA

1

	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
	10.0	62	-45	0.58	4.9	4
	- 0.3	52	-41	0.58	5.7	4
	8.0	55	-54	0.22	2.3	2
	5.9	65	-40	0.36	3.6	4
	14.3	64	-50	0.41	4.3	3
	6.1	52	-29	1.16	11.5	7
	13.3	65	-40	0.46	4.5	3
	0.4	60	-34	0.20	1.9	3
	1.3	46	-48	0.47	4.5	4
	7.1	60	-48	0.31	2.9	3
	12.1	51	-31	0.98	6.7	6
	3.1	46	-33	0.38	3.7	3
	- 2.1	52	-49	0.69	7.6	5
	8.2	64	-42	0.31	2.9	2
	9.8	57	-46	0.18	1.4	2
	10.7	58	-38	0.33	2.8	3
	13.8	62	-49	1.04	10.1	5
	9.6	56	-34	0.34	3.7	4
	3.4	56	-34	0.59	5.6	4
	7.3	55	-50	0.70	8.0	3
	11.8	48	-38	0.15	1.7	2
	8.5	64	-33	0.09	1.0	2
	1.0	57	-44	0.34	3.8	3
	17.4	50	-47	0.62	6.1	3
	6.4	55	-20	0.48	4.8	4

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1917	- 0.7	61	-39	0.66	7.1	5
1918	10.8	60	-48	0.22	2.3	3
1919	7.7	58	-41	0.62	6.5	5
1920	12.5	53	-40	0.30	3.2	3
1921	19.9	64	-36	0.39	3.8	3
1922	0.7	45	-33	1.19	12.8	5
1923	4.1	48	-39	0.64	7.2	4
1924	20.3	67	-40	0.39	4.2	3
1925	16.5	62	-27	0.29	3.6	3
1926	22.3	58	-39	0.41	3.7	4
1927	13.3	50	-19	0.36	3.1	4
1928	18.8	59	-31	0.11	1.2	2
1929	2.8	44	-19	0.29	3.3	4
1930	21.7	63	-44	1.18	11.7	6
1931	28.0	62	-30	0.28	2.9	2
1932	13.6	69	-31	0.32	4.3	3
1933	7.9	58	-45	0.28	3.3	3
1934	19.5	61	-30	0.06	0.7	1
1935	24.0	63	-25	0.20	1.9	2
1936	-12.9	43	-60	0.70	9.1	6
1937	6.8	55	-35	0.49	6.6	4
1938	7.2	60	-35	0.68	8.6	5
1939	- 0.8	51	-46	0.63	9.7	5
1940	15.0	52	-29	0.61	7.8	7
1941	12.2	57	-40	0.22	2.8	3

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1942	14.1	57	-30	0.36	4.6	5
1943	15.1	62	-32	0.50	6.4	5
1944	11.2	50	-43	0.29	4.3	4
1945	15.1	52	-29	0.36	4.6	4
1946	10.4	60	-40	0.66	8.1	6
1947	8.8	54	-36	0.40	3.5	5
1948	7.0	60	-37	0.99	12.7	7
1949	2.1	57	-40	0.46	6.3	6
1950	8.9	54	-41	0.33	4.4	3
1951	11.4	65	-37	0.80	10.1	5
1952	17.4	51	-31	0.59	7.5	5

FOR THE PERIOD BEGINNING WITH 1949 TO DATE HAVE BEEN WEIGHTED ON AN AREAL BASIS AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR IER YEARS."

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00
EASTERN DIVISION																							
AMENIA	26.5	8.5	17.5	8.4	39	1+	-16	22	1371	0	22	29	8	.21	- .38	.11	20	4.0	9	20+	3	0	
ARVILLA STATE PARK	27.0	7.5	17.3		40	1	-21	22	1376	0	23	29	6										
CARRINGTON	25.6	6.1	15.9	7.0	41	1	-15	21		0	22	29	9	.93	.45	.30	23	10.3	15	24	10	0	
COOPERSTOWN	25.4	8.6	17.0	9.2	38	1	-11	24	1385	0	25	29	7	.32	- .20	.12	23	3.5			3	0	
DEVILS LAKE W8 CITY	25.1	8.9	17.0	11.9	38	11	- 9	21	1383	0	24	29	8	.16	- .35	.06	23	3.7	6	1	6	0	
EDGELEY EXP FARM	27.0	7.8	17.4M	4.6	42	12	-19	22		0	18	29	8						31	28+			
EDMORE 1 W	24.3	7.3	15.8	11.0	36	11	- 7	18	1420	0	24	29	9	.04	- .37	.03	14	.6	10	1	2	0	
ELLENDALE	28.2	10.8	19.5	6.4	40	1	-10	22	1314	0	18	29	6	1.77	1.28	.45	19	19.2	15	20+	11	0	
FARGO W8 AP	25.0	7.9	16.5	8.2	38	10	-13	22	1401	0	24	29	9	.30	- .41	.10	14	3.2	12	1	8	0	
FORMAN	27.0	8.9	18.0	6.1	39	2+	-13	22	1360	0	20	29	8	1.17	.67	.28	19	13.7			6	0	
FULLERTON	27.4	9.9	18.7	6.3	41	26	-15	22	1335	0	18	29	7	1.84	1.13	.68	19	19.2	20	20+	7	1	
GACKLE	26.2	7.1	16.7	6.2	41	11	-19	22	1395	0	22	29	8	1.93	1.48	1.09	19	20.1	24	20+	7	1	
GRAFTON STATE SCHOOL	28.3	9.0	18.7	11.4	40	1	- 9	22	1337	0	21	29	8	T	- .57	T	14+	T	10	1	0	0	
GRAND FORKS CAA AP	25.1	6.6	15.9	8.2	36	10	-16	21+	1420	0	25	29	10	.58	.02	.41	20	6.3	11	20	5	0	
GRAND FORKS UNIV	25.7	9.9	17.8	10.1	38	1	-15	22	1361	0	24	29	5	.54	- .02	.42	20	6.0	14	1	3	0	
GRAND RAPIDS 1 N	28.0	5.6	16.8M		40	11	-22	22	1393	0	20	29	9	1.13				13.5			7	0	
HANKINSON R R STA	26.6	7.5	17.1M	3.0	42	1	-20	22		0	23	29	6	1.69	1.15	.76	20	23.0			6	2	
HANNAH	24.8	5.2	15.0	12.4	38	11	-14	21	1445	0	23	29	11	.09	- .50	.09	14	.9	6	1	1	0	
HILLSBORO	25.9	8.3	17.1	6.9	39	1	-18	22	1382	0	24	29	6	.21	- .34	.10	14	3.7			4	0	
JAMESTOWN CAA AP	25.6	7.9	16.8	6.9	40	11	-14	22	1393	0	23	29	9	1.16	.57	.42	7	13.0	10	23+	10	0	
JAMESTOWN STATE HOSP	25.7	10.1	17.9	8.0	40	11	-14	22	1360	0	22	29	6	.77	.18	.28	8	11.0			7	0	
KENSAL WILDLIFE REF	26.4	6.9	16.7		41	11	-14	21+	1388	0	23	29	7	.41		.15	8+	7.5	7	1+	5	0	
LANGDON EXP FARM	25.8	6.6	16.2	11.4	37	2+	-15	21	1409	0	24	29	10	.12	- .51	.10	14	1.2	11	1	2	0	
LARIMORE	26.5	10.7	18.6	10.9	38	1	-12	22	1337	0	23	29	3										
LISBON	29.0	5.2	17.1M	5.5	45	1	-23	22		0	20		9										
MAYVILLE	25.1	10.0	17.6	7.8	40	1	-12	22	1369	0	24	29	6	.46	.02	.31	20	4.4	11	1+	4	0	
MC HENRY 5 N	24.1	6.8	15.5	10.1	35	1+	-13	21	1430	0	25	29	9	.28	- .17	.09	8+	4.0	9	8+	5	0	
MC LEOD 3 E	28.4	4.0	16.2M	3.2	41	3	-22	22	1441M	0	18	29	8	.77	.21	.31	19				5	0	
MUNICH 4 SW	24.1	6.2	15.2		35	11	-13	21	1440	0	25	29	11	.08		.08	14	1.0	8	1	1	0	
OAKES	27.6	6.2	16.9	4.0	42	1	-14	22		0	21	29	9	1.08	.62	.24	19		17	21+	8	0	
PARK RIVER	28.2	11.0	19.6	11.9	39	1	- 4	22	1309	0	21	29	4	T	- .42	T	5+	T	5	1+	0	0	
PEMBINA 2 N	28.4	7.5	18.0M	15.2	42	1	-11	22	1359M	0		29	9	.01	- .61	.01	14	T			1	0	
PETERSBURG	25.9	7.9	16.9		37	26	-11	21	1387	0	26	29	7	.08	- .42	.03	14+	1.2	6	1+	3	0	
SHARON	25.4	9.3	17.4	7.9	37	11	-10	21	1375	0	24	29	8	.38	- .10	.12	20	5.7	14	1	6	0	
VALLEY CITY	27.0	10.2	18.6M	7.1	40	1	-15	22	1346M	0	20	29		.43	- .16	.20	8	5.2			6	0	
WAHPETON STATE SCHOOL	26.8	9.3	18.1	5.7	39	1	-17	22	1356	0	23	29	7	1.20	.73	.37	18	18.5	26	23	9	0	
DIVISION			17.2	8.2										.63	.08			7.5					
MIDDLE DIVISION																							
ASHLEY	26.7	9.0	17.9	6.5	40	12	-12	21	1362	0	20	29	7	.78	.33	.21	19	8.5	16	20+	8	0	
BELCOURT INDIAN RES	24.7	4.5	14.6		37	2	-11	21	1453	0	23	29	11	.03		.03	14	.3	7	1+	1	0	
BISBEE	25.0	7.6	16.3	9.8	37	10+	- 8	18+	1404	0	24	29	9	T	- .36	T	10+	T	6	1	0	0	
BISMARCK W8 CITY	28.6	10.4	19.5	7.9	47	12	-17	21		0	19	29	6	.90	.51	.35	19	12.0	13	23+	7	0	
BISMARCK W8 AP	27.0	7.7	17.4	8.9	44	11	-19	21	1373	0	19	29	7	1.03	.57	.36	18	12.2	14	23+	9	0	
BOTTINEAU	25.2	5.6	15.4	10.5	37	1	-12	21		0	23	29	8	.04	- .32	.02	29	.7	5	1+	3	0	
BUTTE	25.8	8.9	17.4M	4.3	41	11	-13	23	1369M	0	22	29	10	.15	- .38	.07	22	2.0			3	0	
CARSON	27.9	10.7	19.3	4.8	45	12	-15	23	1320	0	18	29	6	.64	.16	.23	18	6.0	12	1+	3	0	
CENTER	27.3	11.3	19.3M	6.8	45	11			1311	0	19	29	6	.96	.54	.35	19	15.0	15	19	8	0	
DRAKE	26.6	6.9	16.8	6.4	43	12	-13	24+		0	21	29	9	.19	- .28	.19	8	2.2	9	8+	1	0	
ECKMAN	26.1	4.3	15.2M	7.7	39	1+	-14	21		0		29		.06	- .31	.03	23+	.6	4	1+	2	0	
FESSENDEN	25.3	7.5	16.4	6.7	40	11	-13	21	1404	0	22	29	8	.57	.05	.29	7	8.5	6	23+	4	0	
FORT YATES	30.4	11.1	20.8	8.2	47	11	-10	21	1277	0	15	29	6	1.28	.82	.91	19		19	24+	5	1	
FOXHOLM WILDLIFE REFUGE	28.0	9.5	18.8	6.8	44	11	-12	21	1335	0	16	29	8	.12	- .35	.07	10	1.1	6	1	3	0	
GARRISON	25.7	9.1	17.4	6.3	42	11	-16	24	1372	0	22	29	6	.64	.13	.28	7	6.6			7	0	
GRANVILLE	27.6	7.4	17.5M	7.5	46	11	-14	21	1375M	0	21	29		.06	- .37	.06	7	1.0	11	1+	1	0	
HANSBORO	25.9	6.4	16.2M	10.1	38	2			1407M	0	25	29		.03	- .47	.02	13	.3	7	1	2	0	
LEEDS	26.2	8.3	17.3		42	11	-12	21	1377	0	24	29	8	.12		.08	14	2.5			3	0	
LINTON	28.1	8.3	18.2	4.4	42	11	-16	21	1350	0	18	29	6	1.42	1.00	.54	19	23.0	27	22+	7	1	
MADDOCK AGRO SCHOOL	25.7	7.6	16.7	6.5	39	11	-14	24	1394	0	22	29	8	.31	- .09	.15	22				3	0	
MANDAN EXP STATION	27.0	10.1	18.6	6.0	45	12	-18	21		0	18	29	5	1.10	.71	.53	19	14.7	16	23+	7	1	
MANDAN FT LINCOLN PARK	29.9	11.8	20.9M		47	11	-17	21	1293	0	15	29		.85		.45	19	15.0	16	22+	9	0	
MAX	26.1	7.2	16.7	7.1	43	3	-20	22		0	20	29	10	.12	- .33	.04	8	3.3	13	1+	5	0	
MC CLUSKY	25.0	8.4	16.7	4.9	39	11	-16	24	1394	0	22	29	9	.51	- .01	.18	8	8.9	14	19+	6	0	
MINOT CAA AP //	25.3	10.0	17.7	7.5	41	11	- 9	21	1364	0	22	29	8	.20	- .23	.13	7	2.0	7	1	5	0	
MINOT EXP FARM	25.6	9.3	17.5		39	11	-13	21+	1372	0	22	29	8	.23		.08	8	3.1	11	7+	7	0	
MOHALL	26.2	6.9	16.6	9.1	41	11	-15	21	1397	0	21	29	9	.13	- .22	.06	7				7	0	
NAPOLEON 1 SE	25.5	9.2	17.4	8.6	38	1+	-16	21	1374	0	23	29	7	.79	.38	.16	8	7.7	15	22+	8	0	
NEW SALEM 1 S	26.8	11.3	19.1	6.1	41	11	-14	24	1325	0	19	29	6	.95	.51	.30	19	13.0	15	19+	7	0	
PETTIBONE	25.1	6.7	15.9	6.9	39	11	-15	21	1418	0	23	29	10	.45	.06	.21	8	4.9	11	8+	10	0	
RIVERDALE	26.4	11.0	18.7		45	11	-14	21	1335	0	20	29	6	.50		.16	7		9	1+	7	0	
ROLLA	25.0	6.4	15.7	8.9	38	25	-13	18	1425	0	21	29	10	.07	- .40	.07	14	.5			1	0	
RUGBY	26.6	8.0	17.3		38	11	-12	21	1376	0	24	29	8	.18	- .27	.05	16	2.1	6	16+	5	0	
SAN HAVEN	25.7	8.7	17.2		37	2	- 8	21	1379	0	21	29	8	.04		.02	14+	.2	10	1	2	0	
STEELE	26.3	8.8	17.6	8.0	41	11	-14	21	1368	0	21	29	7	.72	.34	.24	19	8.4	16	1	6	0	
TOWNER	25.6	5.9	15.8	7.9	40	11	-16	21	1420	0	22	29	10	.11	- .37	.06	7	2.0	13	1+	3	0	
TURTLE LAKE	26.0	7.3	16.7M	7.1			-18	21	1393M	0		29		.74	.29	.40	19	12.3			7	0	
UPHAM 3 N	28.3	5.3	16.8		41	2	-15	21	1389	0	20	29	11	.09		.04	23+	.4	13	1	3	0	
VELVA	27.6	10 0	18.8	7.4	42	11	-14	21	1334	0	21	29	8	.26	- .24	.12	7	4.0	8	1+	6	0	
WASHBURN	28.1	10.4	19.3	8.6	42	11	-17	21	1321	0	18	29	6	.65	.26	.27	19	10.0			9	0	

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

LE 2 CONTINUED

Station	Temperature													Precipitation										
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
THOPE	25.4	5.3	15.4	7.7	36	2+	-12	21	1433	0	21	29	11	T	- .32	T	13+	T			0	0	0
LLOW CITY	26.2	4.7	15.5	10.4	39	11	-17	21	1433	0	23	29	10	.08	- .46	.03	13+	1.0	3	1+	3	0	0
LTON R R STATION	25.6	8.8	17.2	6.9	43	12	-10	21+		0	22	29	7	.94	.55	.41	19	8.5	13	20+	5	0	0
SHEK	27.7	4.3	16.0M	5.8			-24	21		0		29		.96E	.54	.54	19	12.2			5	1	0
DIVISION			17.4	7.4										.45	.01			5.9					
WESTERN DIVISION																							
MONT 7 SW	27.9	14.0	21.0		44	12	-12	24	1268	0	16	29	6	.59		.23	19	7.4	9	1+	8	0	0
LDON	28.0	10.7	19.4	3.2	46	12	-11	21		0	16	29	6	.82	.35	.30	19	13.2	16	22+	8	0	0
ACH	28.9	8.0	18.5	2.5	44	12	-17	24		0	15	29	6	1.08	.68	.62	19		13	20+	8	1	0
LFIELD	30.9	10.8	20.9	5.5	50	11	-18	23	1275	0	14	29	6	.92	.47	.30	17				6	0	0
WBELLS	24.1	4.5	14.3	6.6	42	12	-16	24		0	19	29	10										
WBELLS 5 E	24.9	4.6	14.8		38	1+	-19	21		0	18	29	10	.36		.20	8	5.1	10	1	6	0	0
WMAN COURT HOUSE //	28.9	9.6	19.3	1.9	44	11	-18	21	1318	0	14	29	6	.88	.44	.26	18		15	19+	6	0	0
OSBY	24.3	6.1	15.2	5.7	38	10+	-17	21+	1441	0	21	29	9	.15	- .21	.10	7	5.0	7	7+	2	0	0
KINSON CAA AP	26.9	11.0	19.0	6.2	44	11	-17	21	1330	0	17	29	5	.86	.43	.37	18	8.1	9	20+	8	0	0
KINSON EXP STA	28.6	9.6	19.1	6.3	45	13	-22	21		0	16	29	5	.67	.24	.26	19	7.4	9	23+	7	0	0
N CENTER	28.5	6.3	17.4	3.3	45	12+	-28	21+		0	17	29	8	.77	.31	.25	19	11.9	14	23+	6	0	0
OWOODS	29.4	7.8	18.6M	6.5	46	9			1329	0	17	29	7	.23	- .16	.22	19	5.1	7	19+	2	0	0
ING	25.0	7.6	16.3M	6.9	41	11	-18	24	1405	0	21	29		.74	.34	.37	7				3	0	0
NORA	24.5	8.5	16.5M	7.5	34	6+			1376	0	22	29	9	1.21	.76	.58	7	16.3	17	20+	5	1	0
TINGER	28.7	12.5	20.6	4.1	45	11	-18	21	1283	0	15	29	5	.86	.43	.36	19	9.1	11	22+	6	0	0
MARE	25.8	6.2	16.0	7.8	42	12	-19	21+		0	20	29	9	.24	- .15	.15	8				3	0	0
RMARTH	28.5	9.9	19.2M	2.0			-28	21	1323	0	16	29	5	1.00	.59			18.2	18	22	6		0
ORA 4 NNE	32.6	9.1	20.9		51	11	-30	21	1275	0	12	29	6	.47		.30	19	5.4	7	19+	4	0	0
T	29.2	6.7	19.0	4.9	47	11	-31	21	1332	0	15	29	7	.61	.13			11.7	15	22+	7	0	0
ENGLAND	28.8	9.1	19.0	4.5	45	11	-24	21	1309	0	14	29	5	1.07	.58	.39	19	13.0	17	19	5	0	0
SHALL	26.8	5.1	16.0	7.3	44	11	-26	24	1416	0	18	29	10	.37	- .02	.12	10	2.3	8	1	7	0	0
TAL	23.7	4.4	14.1	7.9	39	12	-12	21+		0	24	29	10	.22	- .16	.10	19	2.5	6	1+	3	0	0
ERS LAKE 1 N	23.9	5.5	14.7M	2.9	37	27	-23	24	1450	0	24	29	10	.26	- .19	.19	19	9.0			2	0	0
HARDTON ABBEY	28.4	13.3	20.9	6.2	45	11	-13	21	1275	0	15	29	5	1.41	1.00	.79	19	14.2	14	20+	11	1	0
ISH	26.3	1.4	13.9	5.3	44	10	-25	25		0	20	29	11	.64	.19	.20	8				6	0	0
NLEY	23.3	4.9	14.1M		37	11+	-20	21	1471	0		29	10	.43	.02	.26	19	7.5	15	7+	2	0	0
HOOK	27.3	7.5	17.4M		45	11	-24	24	1372	0	18	29	8	.61		.35	19	9.5	10	23+	5	0	0
FORD CITY	28.8	9.3	19.1	5.4	44	11	-17	21+	1328	0	17	29	7	.85	.42	.28	19	12.7	13	20+	7	0	0
LISTON W8 CITY	26.2	9.9	18.1	9.9	45	11	-18	21+	1356	0	21	29	5	.81	.38	.30	7	10.2	12	19+	7	0	0
IVISION			17.7	5.1										.68	.25			9.3					
STATE			17.4	6.9										.59	.12			7.5					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station		Total	Day of month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
ADAMS 7 S		.02					.02									T	T	T	T										.06		T	
ALEXANDER		.72							T	.13										.18	.32	T		.03								
ALMONT 7 SW		.59							.03	.04					.02	.03			.10	.11	.23			.03	T				T	T		
AMBROSE		.28							.12											T	.15			.01						T		
AMENIA		.21							.04							.06						.11										
AMIOON		.82					.10			T						.05		T	.10	.0	.30	.07		.07	.05					T		
AMIOON	R	.70				.08	.02								.03	.01	.03		.03	.21	.15	.07	.02	.05								
ANTLER	R	.03														.03						.05										
ARVILLA STATE PARK		-					T					T			-	-	-	-				.11										
ASHLEY		.78								.09					.07	.15			.12	.08	.21	.07				.04						
BANTRY		T					T					T						T								T						
BEACH		1.08	.07				.13			.01						.02				.02	.62	.18		.03	T					T	T	
BEACH	R	.93	.03			.09	.02									.02				.48	.20	.05	.01	.03							T	
BELCOURT INDIAN RES	R	.03													T	.03														.03	.01	
BELCOURT INDIAN RES	R	.11													.04	.03														T		
BELFIELD		.92							.12						T				.30	.18	.20	.05		.07		T	T	T				
BERTHOLD		.18							.09	.04					.01					.01	.01	.01		.01								
BEULAH		.67								.21					.02	.03			T	.08	.26			.04					.03			
BEULAH	R	.74							.23						.03				.06	.14	.18			.06					.04			
BISMEE		T										T				T		T											T		
BISMARCK WB CITY		.90								.13	T				T	.08	T	T	T	.10	.35	.09	T	T	.12				.03	T	
BISMARCK WB AIRPORT	R	1.03			T		T		.06	T		T			.04	.05	T	T	.12	.36	.26	T	T	.10	.03	T			.01	T	T	
BOTTINEAU		.04					T					.01			T	.01	T	-	-	-	-	-	-	-	T	-	-	-	-	-	-	.02
BOWBELLS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOWBELLS 5 E		.36	T							.20		.02				.03			.01	.08					.02				T			
BOWMAN COURT HOUSE		.88				T	.16								.02	T		T	.16	.28	.22			.06			T					
BOWMAN 11 SE		.78				.01	.04		T						.04	.01			.12	.23	.15	.14		.04						T		
BREIEN	R	.68							.04						.05				.15	.20	.19			.05								
BUCHANAN	R	.41							.18						.05	.07				.04		.02		.05								
BURT 16 N		.88							.01							.02			.05	.30	.40			.09					.01			
BUTTE		.15							.06	.02									T	T				.07					T			
CANDO	R	.11									.01	.02			.02	.04															.02	
CARRINGTON		.93								.22		.04			.02	.10		T	.01	.04		.13	.02		.30	.05						
CARSON	R	.57																	.16	*	.39	.02										
CARSON 2 S W		.64								T									.20	.23	T	.21		T								
CENTER		.96							T	.22		.06			.08			T	.09	.04	.35			.03					.07			
COLGATE		.34							.07							.09	.06	T		T	.01			.01								
COLUMBUS		.13							.11		T							T				.10			.12							
COOPERSTOWN		.32								.10					T	T		T							.11							
COURTENAY		-							.09	.03						.14				.09		-		T					T	T		
CROSBY		.15							.10			T									.05											
CROSBY	R	.20							.12											.03	.05											
DEVILS LAKE W B CITY	R	.16	T				T	T	.02	T		.02		T	T	.04	T	.01	T	T		T	T	.01	.06	T			T	T	T	
DICKINSON CAA		.86							.03						.03	.01		T	.07	.37	.29	.02	T	.04		T			T	T		
DICKINSON EXP STA		.67								.02					T	.07	T	T	T	.10	.26	.18		.02	.02				T	T		
DONNYBROOK		-							-						T				T	T					.05	.02			T			
DRAKE		.19								.19					T	T	T								T					T	T	
DUNN CENTER		.77								.13						T			T	.05	.25	.20			.10					.04		
ECKMAN		.06								T						T	T								.03						.03	
EDGELEY EXP FARM		-								.20					T	.40	T	T	.03	.25	-	-			.07					.05		
EDMORE 1 W		.04													T	.03	T	.01												T	T	
ELROWOOOS		.23										T			T	T		T	.01		.22									T		
ELGIN 5 S		.97								T					T		T	T	.14	.24	.46	.07		.06	T				T		T	
ELLENDALE		1.77								.16					.14	.15	.03	T	.12	.30	.45	.34	.03	.03	.02					T		
EPPING		.74							.37	T											.23								.14			
ESMOND	R	.26							.08	.03					.02	.07								.02	.04							
FARGO WB AIRPORT	R //	.30			T		T	T	.04	T		T			T	.10	.01	.01	.01	T	T	.66	.06	T					T	T	.01	
FESSENDEN		.57							.29								.08			.08					.12				T			
FLASHER		.50								.04						T				.17	.15	.07			.07							
FLAXTON		.20							.07	T		T				.03		T	T	T	.05		T		.05					T		
FORBES 13 NW		1.74							T	.16					.16	.12	.04	T	.53	T	.68	T		.03							.02	
FORMAN		1.17								.12					T	.20	T	T	T	.27	.28	.20	T	T	.10					T	T	
FORT YATES	R	1.28														.05			.14	.07	.91	T		T		.11	T			T	T	
FOXHOLM WILDLIFE REFUGE		.12	T						.03	.02		.0.			T	T	T	T		T	T				T					T	T	
FRYBURG	R	.27							.02											.14	.07	.02		.02								
FULLERTON		1.84								.21					T	.22	T		.12	.47	.68	.12		.02								
GACKLE		1.93								.18				T	T	.21	T	T	.12	.07	1.09	.21		.05					T			
GARRISON		.64							.28			.10			.03	T		T	T	.05	.13			.04	T				.01	T	T	
GRACE CITY	R	.20							.02						.05	.05								.05	.03							
GRAFTON STATE SCHOOL		T														T						T								T	
GRAND FORKS CAA		.58	T				T	T		T		.02				.11	T	.02		T		.41			.02					T	T	
GRAND FORKS UNIV		.54	T				T			T					T	.09	.03	T				.42			T							
GRAND RAPIDS 1 N		1.13								.24					*	.33	T	T	.24	.08	.11	.13		T								
GRANVILLE		.06	T						.06			T			T	T		T	T	T	T			T	T				T	T		
GRASSY BUTTE	R	.61							.10	.03									.05	.20	.12			.04					.07			
GRASSY BUTTE 10N		.71							.05	.02									.05	.10	.20	.28		.01								
GRENORA		1.21	.01						.58		.21										.21	.20										
HALLIDAY		1.01							T	.17						.04			.08	.13	.42			.07	.06				.04		T	
HALLIDAY	R	.93							.18	.02					.02	.02			.05	.18	.78			.12					.06			
HANKINSON R R STA		1.69								.23				T	T	.07	T			.50	.03	.76	.10	T							T	
HANNAH		.09	T									T		T	.02	.09	T															
HANSBORO		.03										T		T	T	.01		T						T	.06					T		
HARVEY 3 NE		.23							T	.04		T		T	T	.04		.02	.02	.28	.14	.01	.02	.03						.07		
HAYNES 6 NE	R	.56													.05			.01		.06	.24	.36		.05		T						
HETTINGER		.86					.07								.08					.08	.36	.22	.01			.07						
HETTINGER 17 N	R	.85													.08					.11	.96	.72	.01									
HILLSBORO		.21					T											T				.07			.02				T		T	
JAMESTOWN CAA		1.16			T		T		T	T		.02		T	T	.10	T							.07	.06	T			.01	T	T	
JAMESTOWN STATE HOSP		.77							.42	T		T		T	.06	.13	T	.03	T	.05	.05	.28		.10	.09				T			
KENMARE		.24							.05	.28		T		T		.11	T	T	T	T	.05	.09			.02							
KENMARE	R	.17								.15											.07											
KENSAL WILDLIFE REF		.41							.12											.02				.03							
KILLDEER 8 NW		1.13							.02	.15					T	.15		T		T		T		.02	.07					T		
KULM		1.26							.11	.23									T	.26	.49	.04		T	T					T	T	
LANGDON EXP FARM		.12	T							.16					.05	.20		.01	.03	.20	.50	.01										
LANSFORD		.10					T		.03							.10	T								.05						.02	
LARIMORE		-	.03	.02									.03		T	.01	T	.02		T	T			T	.02							
LEEDS		.12														-		T				-			-				T	.02		
LEFOR 10 E		.28							T	T					T	.08		T						T	.03				.03			
LINTON		1.42			T					T					T			T	.05	.04	.16	.03		T		T			.01	T	T	
LISBON		-								.15						.04			.19	.35	.54			.05	T						T	
LITCHVILLE		1.13					T			.24						.20	.07			.07	.11	.06			.03							
MADDOCK AGR SCHOOL		.31	T						T	.09		T			.03	.16	.03	T	T	.22	.23	.18		.01	.03				T			
MANOAN EXP STATION		1.10								.14	T				T	.07		T	T	T			T	.16								
MANOAN FT LINCOLN PARK		.85							T	.12	T				.02	.06	T	T	T	.12	.53	.12	T	T	.10				T			
MANNING		.83							.15							.01		T	.02	.12	.45	.02		.07	.02					.03	T	
MARMARTH		1.00				.06	.23		T							.02			.07	.02	*	.50		.05					.06			
MARMARTH M O U CO	R	.97				.21	.06		.01							.03	T	T	.03	.03		.57		.11						T		
MARTIN		.29							.09	.11	T	T	T	T				.09	T	T		.20		.07								
MAX		.12								.04	T				T	.01			T	T	.03	.02		T	.02				T	T		
MAYVILLE		.46					T	T	.01							.11	T	T				.31			.03							
MC CLUSKY		.51							.07	.18					T	.10					.08			.06	.02							
MC HENRY 5 N		.28								.09		.01			.01	.09	T	T				T			.08							
MC LEOD 3 E		.77								.05					.04	T	T	T			.27	.31	.10									
MC VILLE		.22					T			.08					T	.10		T				.04			T							
MEDINA 1 W		.68								.28		T			T	.12					.20	T		.08								
MEDORA	R	.59																	T	T	.22	.04										
MEDORA 4 NNE		.47							T	T									T	.11	.30	.04		.02					T	T		
MEDORA 11 N		.55							.02	T									.02	.30	.19	T		.02								
MELVILLE	R	.28							.12			.02			.05	.03						.02			.04							
MINOT CAA		.20							.13			T		T	T	.02	T	T	T	.03	T			.01	.01				T	T	T	
MINOT EXP FARM		.23							.07	.08		.01			T	.04				.01	.01			T	T				.01	T		
MOFFIT 4 SE		.45								.05					.02	.07	T	T		.04	.19	.04		.03	.01					T		
MOHALL		.13	T						.06						.02	.01		T	.01	.01				T	.01					.01		
MONTPELIER		1.72							T	.36					.06	.18	T	.01	.03	.09	.41	.34		.06	.18	T			T	T		
MOTT		.61							.05						.04				*	*	*	.44		.08								
MUNICH 4 SW		.08				T									T	.08				T											T	
NAPOLEON 1 SE		.79								.16	T				.09	.15	T	T			.08	.15	.09	T	.05	.02						
NAPOLEON 1 SE	R	-							.05	.03					.08	.08		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW ENGLAND		1.07								T					T		T	T	.20	.24	.39	.16		.08					T			
NEW ROCKFORD 7 WNW		.30							T	.10		T		T	T	.07	T	T			T	T		T	.13							
NEW SALEM 1 S		.95							.12	.10				T	.02			T	.15	.20	.30			.06				T	T		
NOONAN		.30							.10												.15				.05					T		
NORTHGATE	R	.12							.02						.03					.03	.02									.02		
NORTONVILLE		.87								.12					.10	.06				.12	.29	.18									T	
OAKES		1.08			T					.12						.13	.08	T	T	.23	.24	.21	.03		.04	T						
PARK RIVER		T					T							T	T			T											T		
PARSHALL		.37							.10	.05		.12			T					.05	.01			.03					.01	T		
PEMBINA 2 N		.01								T		T				.01														T		
PETERSBURG		.08														.03						.03			.02							

See reference notes following Station Index.

DAILY PRECIPITATION

ule 3—Continued

Station	Total	Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RONE	.45			T				.01	.21		.04			.03	.08		T		T	.01		.01	.02	.03				.01				
RONE	.34							.10			.04			.04	.05								.08	.03							
FE	1.15								.18		T			T	.20	.09	T		T	.13	.04	.11	.12				T	.08			
L	.22	T							.05						.07		T	T	T	.10				T					T		
S LAKE 1 N	.76			T				.07		T	T	T	T						T	.19							T	T	T		
Y ROCK	.34													T				.05	.11	.09	•	•	.06					.03	T	T		
R	1.05					.15								.08				.07	.15	.55			.05									
R 14 N	1.35					.10									.07			T	.40	.71	.03		.02	.02								
RDTON ARREY	1.41							.03	.07					.05	.01	T	T	.07	.19	.79	.16		.05	.02				.01	T	T		
RDTON ARREY	1.48							.09	.05						.05			•	•	•	1.20		.08					.01				
DALE	.50							.16	.03		T			.02	.07	T	T	T	T	.09	T		.05	T				.04	T			
	.07													T	.07		T												T	T		
	.18							T	.03		.03				.04		.05							.03				T	T	T		
	.71								.09					T	T	.02			.05	.05						T		T		T		
R	.27							.07			.03			.02					.05	.01			.04									
AVEN	.04										T.				.02														T	.02		
H	.64								.20		.08			T	T		T	T		.16	.10			.05				.05				
TON	1.17					.07								.11	T	T	T	.16	.26	.49	T	T	.08			T			T			
NFL BUTTE 20 S	.81				.15	.12		T	T						T			T	.17	.37			T				T				
N	.38						T		.11		T			.03	.05		.01		T	T	.12			.06				T		T		
000 3 N	.06							.01			T				.02				T			•	T	.02					.01			
DS	.81								T						.08			.12	.04	.46	T		.11									
EY	.43							.17												.76				T				T		T		
EY R	.46							.19											.09	.13			.05									
F	.72								.17					T	.14		T	T	.08	.74	.04			.05	T			T				
TON	–							.03	–		T		T	.13									T	.15		T		T	T			
	–							.10			.03		T	T	T	T	T	.07	–	–			T					T				
	.68							.40											.23	.05												
R	.11							.06							.02														.03			
ERS 6 WNW	.82					.05		T						T	T			.03	.62	.09		.03							T	T		
E LAKE	.74							.10	.08					T	.05					.60			.05	.07				.08				
F	.55			T				.04	.08					T	.13		.01	.02	.03	.11	T		.05	.06				T	.02			
3 N	.09							T			.01				T		T						T	.04					.04	T		
Y CITY	.43								.20					.02	.07	.01	T			T	.10		.03									
OCK	.61							.12			.07			T			T		T	.35			T	.02			.03	T				
	.26							.12	.03		.01			T	.05		T		T	T			.02	T			.07	T				
A	–								–					.23	–					.22	.40					.05						
TON STATE SCHOOL	1.20								.19					.03	.08	.09	.03	T	.37	.14	.21			.06								
LLA	.0																															
URN	.65				T			.06	.17					.01	.05		T	T	.04	.27			.03	.01				.01				
URA WATER WKS	.57							.20	.02					.06	.01			.02	.03	.15			.06					.02				
GA 8 N S OAK	.65														.16			.02	.30	.17	T		T									
RO CITY	.85							.24										.07	.02	.28	.13		.05					.06				
RO CITY 11 E R	.34							.05	.06										.04	.06		.07	.05					.05				
OPE	T													T										T								
OSE	.38	.15						.16			T							T	T	.07				T					T	T		
STON WR CITY T	.81							.30	T	.01				T	T	T	T	.03	.22	.14		T	.03	T				.08	T	T		
N CITY	.08							T			T			.03	T									.03					.02			
N RR STATION	.94								.22						.09	T		T	.10	.41	.12			T					T			
K	.96								.02	.05		T			.25	T			T	.54	.10	T				T						
ORTH 5 E	.60								.21					.12	T			T	.06	.07	.09	T	.05	T			T	T				
	.39							.13			.12				T		T	T	T	.09			.02	.01		.01	T		.01				

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

Station		Day Of Month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7SW	MAX	36	43	36	35	31	33	35	33	39	43	43	44	29	28	24	23	18	16	17	10	7	13	8	10	29	41	34	27	24		
	MIN	24	28	20	22	14	15	26	15	18	29	26	27	23	23	19	16	7	5	10	0	-11	- 4	- 3	-12	0	19	23	16	12		
AMENIA	MAX	39	35	31	30	25	24	30	29	29	39	34	32	34	33	29	20	13	25	19	18	18	10	15	20	25	36	32	29	15		
	MIN	23	16	23	6	15	19	15	8	16	15	15	11	16	26	19	4	- 5	- 1	9	1	- 5	-16	0	- 6	- 4	18	9	2	- 3		
AMIOON	MAX	40	40	38	32	35	31	36	37	33	40	38	46	42	27	25	26	20	12	15	11	11	10	13	11	17	29	42	33	22		
	MIN	20	29	16	16	14	11	19	15	17	27	29	23	22	19	2	0	10	3	5	- 1	-11	- 5	- 6	-10	1	11	18	14	1		
ARVILLA STATE PARK	MAX	40	37	31	29	24	27	28	30	28	37	37	31	31	33	31	20	12	19	17	15	17	17	20	25	29	38	32	27	22		
	MIN	23	22	22	5	15	6	17	9	17	17	9	7	12	25	13	6	- 3	- 4	6	5	-14	-21	- 1	-10	5	12	9	2	6		
ASHLEY	MAX	36	39	27	32	25	25	37	28	33	36	39	40	30	35	28	24	13	21	21	12	15	16	17	14	21	34	32	26	17		
	MIN	18	21	13	12	10	3	21	10	11	25	15	8	22	24	21	12	5	6	10	7	-12	- 5	- 7	- 3	- 5	10	15	0	- 6		
BEACH	MAX	40	38	43	34	36	33	36	38	35	42	39	44	39	26	27	29	25	14	10	14	13	11	14	13	20	31	39	30	25		
	MIN	19	18	18	18	13	10	20	15	12	24	26	17	12	20	2	3	9	3	3	1	-15	-11	-16	-17	- 3	10	12	11	- 1		
BELCOURT INDIAN RES	MAX	32	37	36	33	22	22	29	27	28	36	36	32	27	29	24	16	6	10	13	12	16	21	21	15	28	34	31	20	22		
	MIN	16	16	21	1	8	- 2	18	12	9	18	3	9	21	22	7	- 2	- 7	-10	- 2	- 5	-11	-10	2	- 8	1	7	12	- 7	- 8		
BELFIELD	MAX	43	44	38	41	30	42	40	36	38	44	50	45	32	26	26	28	21	12	13	11	13	13	12	20	34	44	36	35	30		
	MIN	18	26	16	16	20	16	22	12	24	24	28	19	20	18	10	7	6	4	5	- 3	- 5	- 6	-18	-14	- 1	15	19	10	4		
BISBEE	MAX	35	35	30	28	21	26	26	26	28	37	37	31	28	31	29	17	8	12	13	11	17	23	22	17	26	36	32	23	21		
	MIN	20	12	23	9	13	4	13	15	11	19	13	17	24	23	13	3	- 6	- 8	4	- 2	- 8	- 8	4	- 5	- 3	13	12	0	- 4		
BISMARCK WB CITY	MAX	44	36	39	38	35	31	32	31	31	42	38	47	40	31	29	26	24	14	18	15	12	7	18	13	15	32	37	31	23		
	MIN	26	26	19	17	14	8	13	11	14	19	20	14	17	26	23	18	8	4	6	5	-17	- 9	- 1	-11	- 5	14	18	0	5		
BISMARCK WB AIRPORT	MAX	35	39	36	35	30	31	34	31	42	41	44	35	29	30	26	24	12	18	16	11	5	19	13	11	27	36	30	22	22		
	MIN	18	20	19	11	12	2	22	8	9	20	12	12	25	25	20	12	7	2	10	- 4	-19	-12	- 2	-15	-12	11	12	- 6	5		
BOTTINEAU	MAX	37	34	34	30	28	20	22	26	22	32	35	35	34	27	26	16	12	12	18	17	18	16	21	27	20	29	32	29	23		
	MIN	15	15	13	8	8	1	1	12	8	8	11	13	19	23	9	8	2	- 2	2	- 2	-12	- 4	4	- 5	- 3	5	15	0	- 9		
BOWBELLS	MAX	38	37	34	34	31	25	33	23	24	33	35	42	33	26	24	19	15	4	0	10	9	10	13	10	17	30	37	29	29		
	MIN	10	10	15	13	10	5	9	13	12	17	29	15	15	22	8	8	- 5	- 9	-14	-12	-15	-15	- 1	-16	-10	12	15	8	-10		
BOWBELLS 5E	MAX	38	38	37	37	37	36	35	35	27	37	33	37	28	26	25	21	14	4	6	10	6	9	12	8	14	28	29	29	25		
	MIN	10	24	17	13	9	4	8	14	12	17	17	14	17	20	7	8	- 6	-11	- 7	-12	-19	- 8	- 4	-17	1	10	9	- 3	-10		
BOWMAN COURT HOUSE	MAX	37	40	34	37	33	36	38	38	42	40	44	40	35	27	23	22	21	13	14	11	11	16	12	19	29	39	34	27	25		
	MIN	16	25	15	15	13	15	15	17	15	22	25	23	22	17	6	3	10	4	5	- 2	-18	- 4	-10	-16	- 4	15	18	14	2		
BUTTE	MAX	37	38	34	31	26	27	22	30	30	39	41	36	28	27	21	16	15	17	14	10	20	18	20	11	28	34	31	25	23		
	MIN	16	22	19	18	9	8	20	20	12	22	20	21	23	24	13		- 3	- 4	- 6	- 2	- 9	- 4	-13	- 9	- 1	12	17	5	- 1		
CARRINGTON	MAX	41	34	38	28	28	26	28	27	27	35	37	39	30	30	32	23	18	10	16	16	13	16	15	12	16	26	33	28	21		
	MIN	18	14	17	16	16	4	4	4	10	10	18	16	16	21	15	12	- 1	0	- 6	4	-15	-14	-10	-11	5	6	14	- 3	- 4		
CARSON 2 S W	MAX	36	40	35	35	36	31	35	32	41	38	43	45	32	28	25	22	22	15	18	10	10	14	10	10	27	37	32	25	25		
	MIN	16	27	16	16	16	8	20	11	15	28	23	22	22	22	18	15	8	3	8	- 2	-13	- 1	-15	-10	- 8	11	14	12	8		
CENTER	MAX	36	40	35	33	28	32	35	32	42	38	45	35	30	28	25	24	24	15	15	10	8	16	8	16	28	37	28	26	23		
	MIN	18	21	17	19	15	4	24	18	9	20	15	15	22	24	19	21	7	- 2	9	2		- 8	- 8	-14	- 3	11	22	15	3		
COOPERSTOWN	MAX	38	36	32	26	25	24	28	26	27	36	36	32	30	32	30	19	11	17	16	13	21	19	15	13	26	32	31	26	20		
	MIN	18	19	19	10	17	15	13	5	11	18	11	16	20	26	17	8	0	- 3	5	5	-10	- 9	9	-11	- 4	10	13	- 3	5		
CROSBY	MAX	33	33	30	32	29	30	31	27	33	38	38	36	33	23	20	20	14	6	9	10	16	11	9	8	28	34	32	27	14		
	MIN	8	16	7	13	11	5	22	12	7	26	18	14	18	19	4	12	- 2	- 9	1	-11	-17	- 4	- 6	-17	- 2	12	17	7	- 4		
DEVILS LAKE W B CITY	MAX	29	37	28	28	20	27	25	27	34	36	38	28	29	30	24	15	13	17	17	14	18	22	25	14	28	35	28	20	21		
	MIN	18	23	19	10	14	7	18	15	13	23	16	20	24	23	14	5	- 2	- 5	4	- 3	- 9	- 1	2	- 7	4	12	9	- 1	- 6		
DICKINSON CAA	MAX	35	38	34	34	31	36	33	33	41	39	44	42	26	25	23	20	15	15	15	8	9	11	9	17	29	40	30	22	25		
	MIN	18	24	18	19	15	18	17	15	20	29	27	23	22	20	10	8	7	2	6	-13	-17	- 9	-15	-11	6	24	18	15	4		
DICKINSON EXP STATION	MAX	41	37	41	36	36	32	37	33	35	42	40	42	45	27	26	25	22	19	15	12	10	9	13	12	17	31	39	32	23		
	MIN	19	18	19	18	19	14	15	14	16	22	27	22	23	21	16	10	10	2	2	2	-22	-15	-18	-16	- 9	6	22	17	4		
DRAKE	MAX	40	32	37	32	34	30	28	28	27	37	38	43	35	29	32	20	18	9	16	15	12	15	17	16	14	28	35	29	25		
	MIN	13	12	19	15	10	5	7	12	12	16	18	20	22	25	17	17	- 2	- 5	- 5	3	-12	- 9	- 3	-13	-13	11	13	2	- 7		
DUNN CENTER	MAX	40	36	39	36	37	31	36	32	31	42	38	45	43	28	27	22	22	10	14	13	14	6	15	14	20	33	45	30	27		
	MIN	18	17	18	18	15	8	7	12	14	10	17	16	18	22	17	7	7	- 1	0	- 1	-28	-28	-13	-24	-20	9	25	19	5		
ECKMAN	MAX	39	34	37	34	28	25	30	27	28	38	35	39	29	29	29	19	14	13	15	18	11	12	12	20		31	33	28	25		
	MIN	14	10	20	5	6	0	2	15	7	9	12	11	14	24	13	10	- 2	- 8	- 8	- 3	-14	-13	- 4	- 7		6	12	- 1	-10		
EDGELEY EXP FARM	MAX	39	37	35	28	31	22	31	33	30	37	35	42	33	34	34	27	20	17	19	19	14	15	17	13	14	25	35	30	17		
	MIN	20	18	18	16	13	7		8	13	17	17	15	20	22	20	14	- 4	4	8	7	-16	-19	- 7	- 6	- 3	11	11	- 1	- 3		
EGMORE 1 W	MAX	35	34	32	25	26	24	25	23	24	33	36	31	27	28	26	18	10	9	17	13	18	20	23	18	25	35	29	20	21		
	MIN	22	20	22	7	12	9	10	15	8	16	10	16	20	21	8	3	- 3	- 7	0	- 1	- 2	- 6	2	- 5	3	8	11	- 4	- 3		
ELROWOODS	MAX	36	38	38	36	36	39	32	34	46	43	45	41	30	31	26	26	22	15	15	12	12	11	10	17	30	40	31	30	31		
	MIN	9	15	15	10	14	10	17	10	3	19	13	15	24	16	20	15	5	0	8	- 1		- 8	-15	-24	- 5	5	5	7	5		
ELLENDALE	MAX	40	35	35	35	28	25	35	33	32	39	35	36	31	36	31	23	16	23	24	16	14	20	20	19	25	32	34	26	19		
	MIN	25	18	20	13	16	11	17	9	15	20	15	17	25	26	22	14	5	10	12	8	- 8	-10	- 5	- 6	- 7	16	12	2	0		
EPPING	MAX	40	33	34	30	28	28	30	29	34	38	41	35	31	23	20	20	20	10	10	7	9	18	9	12	25	35	30	24	22		
	MIN	13	18	10	15	8	7	22	9	13	23	20	13	19	19	10	15		- 5	- 4	-10	-13	- 4	- 3	-18	0	9	14	14	- 2		
FARGO WB AIRPORT	MAX	35	36	29	26	22	23	27	26	27	38	32	33	33	30	27	18	17	27	24	19	11	16	17	17	21	31	28	18	17		
	MIN	21	19	17	10	17	16	13	6	13	16	12	18	20	25	16	- 5	- 7	7	14	3	-11	-13	- 3	-10	- 1	12	13	- 1	- 7		
FESSENDEN	MAX	37	34	38	30	19	28	24	29	30	36	40	34	30	32	26	20	16	15	14	14	15	15	14	13	27	35	29	24	15		
	MIN	20	18	20	16	8	8	16	3	6	11	14	14	23	21	19	10	4	- 6	5	3	-13	-12	-10	- 2	0	17	13	- 4	- 5		
FORMAN	MAX	37	39	34	32	25	20	35	31	30	39	38	31	35	35	31	22	12	24	23	18	15	16	15	16	18	30	33	28	20		
	MIN	20	19	20	9	15	11	18	7	12	22	14	25	27	27	22	6	- 4	9	14	8	- 9	-13	-11	- 9	- 6	5	7	0	- 8		
FORT YATES	MAX	41	37	37	34	32	34	38	32	42	44	47	37	34	30	29	25	20	20	23	13	18	21	19	19	33	38	34	29	22		
	MIN	18	25	10	11	13	4	25	11	12	32	23	13	25	27	23	18	11	8	11	5	-10	- 6	- 7	- 3	- 5	15	10	0	2		
FOXHOLM WILDLIFE REF	MAX	35	38	35	33	30	33	33	29	35	40	44	39	28	28	27	20	15	14	15	15	16	15	17	18	33	38	35	25	30		
	MIN	14	25	20	16	14	8	21	15	12	30	18	20	21	24	9	13	1	- 8	- 5	- 5	-12	-10	- 5	- 7	8	20	19	1	- 2		
FULLERTON	MAX	38	35	33	34	26	22	34	29	30	39	37	36	30	36	30	21	13	27	22	15	12	18	18	15	27	41	33	29	14		
	MIN	21	21	21	12	14	11	17	9	17	22	14	17	25	26	21	13	2	6	12	8	-11	-15	- 4	- 7	- 8	14	12	0	- 3		
GACKLE	MAX	39	38	30	29	24	26	32	29	33	37	41	38	30	32	28	21	12	19	17	12	14	12	15	17	25	37	30	28	16		
	MIN	15	23	14	13	10	2	19	3	10	21	13	15	21	25	19	10	- 3	3	8	5	-15	-19	-10	- 6	- 4	12	9	- 4	- 4		

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ISON	MAX	32	38	35	31	26	30	31	29	39	34	42	36	28	28	24	23	10	15	15	11	10	15	13	11	28	38	28	25	19			25.7
	MIM	19	17	18	14	10	8	18	10	10	23	17	17	23	21	10	12	1	- 3	6	8	-15	- 6	- 8	-16	1	19	18	15	- 3			9.1
TON STATE SCHOOL	MAX	40	33	33	30	24	28	28	32	29	35	33	33	30	32	32	23	15	18	21	21	21	22	28	29	32	36	33	29	22			28.3
	MIN	20	19	21	9	14	9	18	13	15	15	7	18	17	24	10	- 2	- 3	- 5	0	3	- 4	- 9	- 1	4	16	13	15	0	4			9.0
D FORKS CAA	MAX	29	33	30	23	23	24	26	30	29	36	34	31	32	31	28	18	11	20	18	15	15	16	21	22	27	34	30	20	22			25.1
	MIN	22	22	19	9	16	10	16	14	15	13	9	17	17	26	12	0	- 6	- 7	3	- 7	-16	-16	- 1	- 7	3	7	10	- 2	- 8			6.6
D FORKS UNIVERSITY	MAX	38	34	30	29	22	23	27	30	30	35	33	31	32	31	29	19	12	20	20	20	12	12	20	26	22	33	30	24	22			25.7
	MIM	22	21	20	8	19	16	16	5	15	21	18	19	19	25	18	9	- 5	5	5	5	-13	-15	7	- 5	4	10	15	- 2	4			9.9
D RAPIDS 1N	MAX	39	36	29	33	25	25	30	31	34	39	40	36	32	36	30	24	23	23	23	19	14	15	16	16	30	34	32	30	19			28.0
	MIM	14	18	17	5	5	5		0	14	22	10	10	23	26	24	12	- 8	5	11	7	-16	-22	-11	- 9	-11	16	4	- 3	-10			5.6
VILLE	MAX	36	38	29	36	27	34	31	30	29	39	46	34	29	31	26	20	18	15	16	12	10	20	22	19	32	39	31	28	24			27.6
	MIM	16	15		13	17	4	19	12	14	21	15	17	18	24	12	12	- 2	- 5	- 5	- 2	-14	- 9	- 2	-13		15	15	0	- 7			7.4
ORA	MAX	33	28	28	28	25	34	32	26	33	34	34	33	33	26	19	28		10	10	10	15	15	16	9	23	29	28	27	19			24.5
	MIN	14	12	12	12	9	7	25	16	15	17	20	12	17	15	- 2	15	1	- 6	4	-10		- 4			- 2	12	10	4	- 3			8.5
NSON R R STATION	MAX	42	33	36	22	30	22	28	32	29	39	38	35	32	32	30	31	22	20	21	22	16	12	13	17	18	18	32	30	18			26.6
	MIM	23	11	22	8	5	11	13	7	7	11		17	14	24	23	14	- 6		15	13	- 9	-20	-12	-10	1	12	5	6	- 3			7.5
AM	MAX	34	37	30	27	21	25	25	27	29	34	38	32	28	34	25	14	5	11	13	10	16	19	21	20	30	36	32	23	22			24.8
	MIN	19	21	18	5	12	6	13	14	15	15	11	18	23	21	8	-12	-10	-10	- 3	- 4	-14	-13	- 7	- 7	6	8	12	- 8	- 7			5.2
ORO	MAX	32	38	32	30	24	24	27	31	28	35	35	31	28	32	29	12	10	13		10	18	20	20		30	35	29	24	23			25.9
	MIN	19	19	20	9	11	7	18	15	10	18	12	14	23	22	- 1	- 4	-14	- 2		- 8	-12	- 9	- 5		- 2	14	14	- 6	- 8			6.4
NGER	MAX	38	41	34	36	34	37	38	37	43	40	45	42	32	26	22	20	20	15	18	10	5	21	10	15	29	37	36	26	26			28.7
	MIM	20	28	18	18	18	16	18	18	17	28	29	22	23	20	14	10	10	6	8	- 5	-18	0	-10	- 6	1	18	19	16	6			12.5
SBORO	MAX	39	34	32	32	23	22	30	30	27	37	33	32	32	29	29	20	14	20	20	19	14	10	13	22	30	35	29	28	15			25.9
	MIN	26	18	23	6	14	15	13	8	15	22	8	10	15	24	17	6	- 5	2	4	7	-10	-18	2	- 3	3	13	8	- 2	0			8.3
STOWN CAA	MAX	36	36	28	31	23	27	29	27	35	37	40	38	31	32	27	19	12	18	13	13	18	13	19	10	28	32	30	25	18			25.6
	MIN	19	22	19	12	14	6	19	7	13	21	11	15	19	26	16	- 3	- 2	1	9	0	-12	-14	- 4	- 7	1	14	13	- 2	- 4			7.9
LTOWM STATE HOSP	MAX	38	36	32	28	22	28	30	29	30	37	40	35	30	34	30	21	12	19	17	13	15	11	15	11	27	33	29	26	17			25.7
	MIM	18	24	21	16	16	8	20	5	15	20	13	17	20	27	21	9	3	2	9	7	-10	-14	0	- 6	- 2	17	14	0	3			10.1
RE	MAX	39	33	33	33	30	26	34	30	29	37	35	42	32	27	26	22	17	9	9	12	10	14	15	10	17	31	37	30	26			25.8
	MIM	14	11	17	18	12	11	12	15	14	18	22	18	17	21	4	6	- 2	- 9	-10	- 9	-19	-19	- 7	-11	4	11	17	10	- 5			6.2
L WILDLIFE REFUGE	MAX	36	40	30	30	25	27	29	27	30	38	41	35	31	32	30	24	12	17	15	13	19	16	17	13	26	35	30	27	20			26.4
	MIM	19	19	17	11	9	2	18	6	11	11	12	12	21	25	17	8	- 2	- 2	6	5	-14	-14	6	-11	- 3	13	11	- 6	2			6.9
ON EXP FARM	MAX	30	37	30	31	23	28	25	28	26	34	37	35	28	28	24	15	12	13	19	18	20	20	25	22	29	36	32	23	20			25.8
	MIM	18	19	20	17	11	10	12	14	13	17	13	17	17	21	10	- 8	- 7	-10	- 5	- 5	-15	- 5	- 7	- 7	7	7	13	9	- 6			6.6
ORE	MAX	38	35	30	29	25	26	28	29	26	36	37	31	30	33	31	17	15	20	16	17	21	15	20	21	27	36	32	26	22			26.5
	MIN	23	18	23	15	16	11	20	14	15	17	18	19	17	25	17	6	4	- 3	4	5	- 8	-12	5	1	3	15	16	1	4			10.7
	MAX	31	38	29	32	25	29	28	27	31	36	42	31	29	33	29	15	11	14	15	13	20	23	25	20	28	34	31	22	20			26.2
	MIN	17	20	21	10	10	6	17	13	10	22	15	16	25	24	15	8	- 3	- 5	3	0	-12	- 7	5	- 8	1	11	13	- 3	- 2			8.3
ON	MAX	38	41	32	35	32	26	35	33	35	40	42	36	32	32	30	24	17	17	17	14	13	19	14	15	32	33	34	29	19			28.1
	MIN	13	25	12	4	10	1	19	7	2	16	15	10	25	27	24	17	9	3	10	7	-16	- 1	1	- 1	- 7	7	8	0	- 5			8.3
ON	MAX	45	40	44	39	32	23	30	31	30	39	39	39	31	32	34	30	28	15	26	18	17	14	14	22	18	24	32	33	23			29.0
	MIM		18	10	9	9	11	18	4	14	17	15	12	21	25	26	15	-13	4	5	6	- 8	-23	-20	-11	- 7	- 4	- 2	1	- 6			5.2
CK AGR SCHOOL	MAX	36	35	32	29	22	29	28	25	29	37	39	33	29	33	29	17	13	16	15	15	17	18	21	14	25	33	30	24	22			25.7
	MIM	13	18	21	10	12	2	15	11	9	18	11	13	25	24	16	12	- 2	- 5	5	- 2	-12	- 5	9	-14	2	11	13	- 7	- 4			7.6
M EXP STATION	MAX	42	34	39	35	33	29	31	35	30	40	36	45	38	28	29	25	24	12	17	13	10	6	18	10	11	29	34	29	22			27.0
	MIN	23	24	18	18	14	10	12	12	15	19	19	15	17	26	22	19	7	3	4	5	-18	-14	0	-12	- 8	11	20	4	8			10.1
M FT LINCOLN PARK	MAX	39	40	37	38	40	33	40	32	40	45	47	40	31	31	29	25	21	17	17	13	7	18	15	16	37	36	33	27	22			29.9
	MIN	24	26	26					12	13	27	18	15	25	27	22	20	7	3	11	5	-17	- 8	- 1	-11	- 3	17	23	2	11			11.8
RTH	MAX	37	42	34	38	28	39	40	41	42	41	44		30	27	27	22	22	12	15	13	11	11	8	14	32	40	35	29	25			28.5
	MIM	28	28	17	17	20	10	14	20	16	25	21		24	20	10	3	12	8	9	0	-28	3	-25	-24	0	11	15	19	5			9.9
	MAX	41	42	43	34	34	24	28	28	28	37	35	42	34	28	27	21	21	8	12	10	8	16	15	10	14	30	32	28	26			26.1
	MIM	23	18	18	14	13	5	18	12	8	13	15	18	19	23	16	17	0	- 5	- 6	- 4	-14	-20	- 4	-14	- 4	4	15	14	- 2			7.2
LLE	MAX	40	34	30	28	24	23	23	29	27	37	33	31	32	31	29	20	9	19	17	14	17	11	13	19	28	33	29	25	22			25.1
	MIM	27	20	20	12	16	17	13	15	14	19	17	14	15	26	20	- 1	- 1	- 4	7	7	-10	-12	6	- 5	3	12	12	1	10			10.0
USKY	MAX	36	34	34	28	25	27	29	27	28	37	39	35	28	32	26	22	15	15	15	11	17	12	11	6	25	35	28	25	22			25.0
	MIM	15	21	20	14	9	5	22	9	9	16	18	15	23	25	18	15	- 2	- 7	5	1	-12	- 3	- 1	-16	- 3	17	15	- 3	0			8.4
NRY 5 M	MAX	35	35	30	28	23	25	27	26	24	35	35	30	30	31	28	17	9	16	14	14	17	17	17	11	24	31	28	23	19			24.1
	MIM	14	17	18	10	13	4	14	3	9	14	12	16	21	23	17	5	- 3	- 5	- 2	4	-13	- 7	8	-10	- 4	10	12	- 4	0			6.8
00 3 E	MAX	40	40	41	36	34	22	32	27	35	34	39	35	32	31	30	24	12	26	25	20	14	12	20	20	20	38	34	30	20			28.4
	MIM								1	8	14	15	13	21	25	20	5	-10	9	15	10	-13	-22	-10	-10	-19	17	7	- 1	- 8			4.0
A 4 NNE	MAX	39	44	39	40	36	40	39	36	49	45	31	43	40	28	34	32	21	13	17	16	17	17	14	20	34	44	40	28	28			32.6
	MIN	17	21	17	18	16	7	18	14	29	30	20	19	25	23	14	10	11	4	9	-11	-30	-10	-26	-25	- 1	10	17	18	1			9.1
T CAA	MAX	33	37	35	31	27	31	31	28	38	37	41	32	29	27	22	19	9	12	13	11	15	16	12	14	29	36	28	25	16			25.3
	MIM	15	20	19	14	14	12	15	15	15	24	22	23	25	22	13	9	0	- 5	5	- 6	- 9	- 7	- 4	- 7	9	22	15	6	- 6			10.0
T EXP FARM	MAX	35	35	33	30	28	30	31	27	32	38	39	35	28	27	26	20	15	13	13	11	15	16	13	12	28	34	30	25	23			25.6
	MIM	14	24	19	15	12	9	21	13	12	29	18	22	23	24	12	13	- 1	- 6	5	- 5	-13	-10	- 6	-13	4	16	17	5	- 2			9.3
LL	MAX	35	36	35	33	28	32	29	30	34	38	41	30	26	27	24	19	12	10	14	13	13	16	17	18	30	36	31	29	25			26.2
	MIM	10	15	20	11	5	5	19	15	12	28	19	12	22	24	9	10	- 7	-10	- 8	- 8	-15	- 7	- 7	-10	6	19	16	2	- 8			6.9
	MAX	39	40	37	38	32	38	33	37	43	40	47	43	33	26	25	22	22	15	18	10	9	15	13	11	32	41	35	27	25			29.2
	MIN	19	22	15	10	18	0	15	16	11	29	20	16	23	21	17	12	10	6	8	0	-31	- 1	-23	-13	-12	6	13	16	9			8.7
CH 4 SW	MAX	34	34	32	32	22	25	24	25	25	32	35	31	28	30	27	16	5	10	14	13	17	19	22	18	23	34	31	22	20			24.1
	MIM	20	19	19	19	11	4	10	14	8	17	11	17	19	20	6	0	- 8	-10	- 2	- 5	-13	- 7	- 1	- 6	3	10	12	- 4	- 4			6.2
LEON 1 SE	MAX	38	36	29	30	24	23	33	28	30	37	36	38	30	30	28	23	15	20	19	11	13	18	13	10	24	32	30	26	16			25.5
	MIM	17	26	17	16	8	0	22	7	13	27	17	13	23	26	21	12	5	2	8	4	-16	- 6	- 5	- 9	- 3	11	14	- 7	3			9.2
EMGLANO	MAX	36	40	34	36	34	41	35	36	44	41	45	42	34	26	23	20	20	13	16	10	8	14	10	19	32	40	36	25	26			28.8
	MIM	15	23	16	19	16	19	18	16	14	27	24	20	16	18	11	11	10	4	7	- 1	-24	- 5	-13	-12	1	18	16	15	5			9.1
SALEM 1 S	MAX	38	40	35	35	29	32	35	30	37	39	41	38	31	28	24	23	15	17	17	10	5	13	10	14	28	37	31	24	22			26.8
	MIN	20	23	19	15	12	9	22	10	15	25	26	19	25	22	18	14	5	2	8	- 3	-12	-10	- 3	-14	- 1	17	22	13	8			11.3

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
OAKES	MAX	42	38	38	28	31	30	28	32	31	39	37	36	35	31	37	28	21	14	24	18	13	12	20	15	14	23	32	32	20		2
	MIN	12	19	19	5	5	6	17	10	8	18	11	11	11	25	27	15	0	5	9	9	- 9	-14	- 8	- 8	-10	- 8	4	0	- 9		2
PARK RIVER	MAX	39	35	34	28	25	28	28	30	27	35	37	37	29	31	31	21	13	19	21	22	21	21	26	25	32	38	35	27	23		2
	MIN	22	21	22	15	11	11	19	17	18	17	14	21	19	25	13	1	- 2	- 3	3	4	- 3	- 4	3	6	9	16	18	2	4		1
PARSHALL	MAX	35	35	35	34	27	33	31	31	41	38	44	37	29	28	25	22	20	12	12	12	11	8	15	12	28	40	34	26	23		2
	MIN	11	10	15	13	9	9	20	11	0	18	11	9	22	21	14	16	1	- 6	5	- 5	-22	- 9	-15	-26	- 5	14	15	0	- 7		2
PEMBINA 2N	MAX	42		35	34	24	27	27	31	31	31	35	35	31	31	31	21	12	21	25	25	20	21	26	29	31	35	36	29	18		2
	MIN	19		10	16	9	8	19	15	10		9	20	21	26	9	- 6	- 7	- 4	5	1	- 6	-11	- 5	0	10	14	24	- 1	- 2		2
PETERSBURG	MAX	29	31	30	31	25	25	28	27	25	34	36	30	28	32	31	22	15	17	15	14	25	18	22	21	26	37	30	24	24		2
	MIN	19	21	18	10	14	10	16	12	9	9	14	18	19	23	9	5	- 5	- 6	1	3	-11	- 1	5	- 4	0	11	10	- 2	3		2
PETTIBONE	MAX	36	38	32	29	25	23	30	26	29	37	39	37	30	31	27	20	10	16	16	13	15	13	13	12	24	33	29	26	19		2
	MIN	15	20	20	11	9	- 1	15	5	7	19	11	11	21	26	19	10	- 4	- 3	8	4	-15	- 6	0	-12	- 7	11	9	- 6	- 2		2
PORTAL	MAX	36	29	30	32	29	23	32	27	28	36	35	39	30	29	25	20	14	2	5	8	10	11	12	13	16	28	37	31	25		2
	MIN	9	8	14	11	5	6	9	10	9	15	20	16	16	20	8	8	- 6	-10	-10	-10	-12	- 8	- 6	-12	- 9	12	15	9	- 9		2
POWERS LAKE 1N	MAX	32	32	33	26	23	28	28	28	34	35	30	31	24	24	22	19	12	5	11	10	19	10	17	13	27	35	37	24	25		2
	MIN	6	12	12	10	9	0	15	8	4	21	15	20	12	20	3	0	-11	- 3	- 6	- 5		- 6	-13	-23	5	15	12	13	9		2
RICHAROTON ABBEY	MAX	37	44	35	38	37	36	35	33	41	42	45	42	31	25	24	21	21	13	15	8	10	14	9	15	29	43	35	25	24		2
	MIN	17	29	22	20	18	17	25	16	17	29	29	30	22	21	17	11	8	1	8	0	-13	- 4	- 9	-11	2	19	23	15	8		1
RIVERDALE	MAX	35	38	36	33	27	31	32	32	40	44	45	33	28	27	25	22	17	15	14	10	9	14	11	8	28	36	27	26	23		2
	MIN	20	19	19	18	13	9	21	15	11	30	18	18	23	22	18	17	5	- 5	7	0	-14	- 4	- 4	-12	3	17	19	14	1		1
ROLLA	MAX	34	36	37	37	23	22	27	30	27	36	36	28	27	30	24	12	6	10	12	10	16	22	20	17	38	34	30	21	22		2
	MIN	16	17	21	7	7	6	19	15	11	18	16	15	22	23	5	- 1	- 7	-13	- 4	- 7	-10	- 8	- 1	1	3	14	12	- 3	- 7		2
RUGBY	MAX	27	37	34	29	25	27	27	28	30	36	38	36	30	31	29	16	13	16	16	18	17	20	25	22	28	32	32	28	24		2
	MIN	13	20	22	8	12	2	16	12	8	22	15	15	24	25	15	9	- 3	- 5	3	- 2	-12	- 3	6	- 9	1	14	10	- 2	- 5		2
SAN HAVEN	MAX	34	37	35	35	25	22	28	30	29	33	35	33	29	30	27	14	10	13	14	11	18	21	24	20	29	34	30	23	22		2
	MIN	19	19	22	11	14	4	15	16	11	20	13	18	22	23	6	4	- 3	- 6	2	- 2	- 8	- 3	7	- 1	1	16	17	0	- 6		2
SANISH	MAX	43	31	37	36	32	28	35	35	32	44	36	43	28	27	23	19	17	10	13	12	13	12	10	12	17	23	39	31	26		2
	MIN	13	10	10	11	9	1	0	15	1	4	17	11	13	14	13	5	5	- 3	- 3	- 6	-24	-21	-11	-24	-25	- 9	9	8	- 2		2
SHARON	MAX	36	36	32	30	23	23	29	25	25	36	37	30	30	32	29	19	10	20	15	13	24	16	18	15	25	35	30	25	20		2
	MIN	20	19	18	14	16	13	9	11	12	20	14	20	20	25	15	7	- 2	- 4	- 2	4	-10	- 2	8	- 5	- 3	12	15	0	7		
STANLEY	MAX	32	32	30	27	24	29	30		29	36	37	37	25	24	20	20	15	8	9	15	10	10	12	9	25	34	28	24	22		2
	MIN	13	13	14	16	12	7	7		12	23	12	15	21	17	9	9	0	- 8	- 9	- 7	-20	- 6	- 8	-15	-15	12	12	8	- 8		
STEELE	MAX	35	35	35	32	27	25	33	30	30	38	41	33	30	33	28	22	15	18	18	12	13	19	15	12	29	32	30	25	17		2
	MIN	18	24	20	13	10	1	20	8	9	23	15	12	24	26	20	15	3	0	9	7	-14	- 8	- 5	-10	- 5	12	11	- 4	2		
TOWNER	MAX	32	34	33	32	25	25	25	32	37	35	40	32	28	33	22	18	10	10	11	10	18	22	18	17	32	34	31	25	22		2
	MIN	12	19	15	15	5	- 3	11	17	8	28	7	11	23	20	8	5	- 5	- 7	6	- 5	-16	- 5	- 6	-15	2	14	15	- 6	- 3		
TURTLE LAKE	MAX	35		31	31	24	29	30	29	32	39	42	34	28	28	27	21			15	11	10	15	12	11	28	33	33	26	23		2
	MIN	14		18	9	9	- 1	22	10	4	24	11	10	23	24	16	13			6	- 1	-18	- 8	- 9	-17	- 1	14	15	7	- 4		
UPHAM 3N	MAX	35	41	38	30	28	27	29	33	29	39	38	36	29	28	30	17	14	15	19	20	17	22	27	25	34	36	32	28	26		2
	MIN	9	12	21	8	6	- 2	15	12	1	15	8	12	24	24	15	10	- 3	- 4	3	- 5	-15	- 7	0	-14	- 6	15	12	- 1	-10		
VALLEY CITY	MAX	40	35	35	28	25	26	29	30	29	38	37	34	30	35	32	25	12	20	19	16	18	15	13	16	27	34	39	27	19		2
	MIN	19	21	19	11	16	16	17	10	15	20	11	15	22	25	23	11	- 3	1	9	7	- 8	-15	6	- 9	1	16		2	7		1
VAN HOOK	MAX	35	35	35	33	29	33	33	32	37	43	45	35	30	27		23	21	12	12	13	10	14	15	14	30	40	29	25	25		2
	MIN	16	15	16	19	11	5	24	13	5	29	14	11	23	22		17	4	- 4	7	- 4	-18	- 6	-10	-24	- 6	16	14	6	- 4		
VELVA	MAX	36	40	36	32	29	32	31	31	34	40	42	38	28	29	28	21	15	14	15	12	14	18	15	19	30	38	32	28	23		2
	MIN	15	23	21	18	10	3	22	15	10	26	17	18	25	25	15	15	- 2	- 6	7	- 1	-14	-10	- 1	-10	8	18	17	6	- 1		1
WAHPETON STATE SCHOOL	MAX	39	37	32	29	22	21	29	27	28	38	35	35	33	30	30	22	20	28	26	23	14	13	15	18	28	31	28	27	19		2
	MIN	24	16	21	11	15	18	14	2	14	19	15	13	25	26	18	10	-11	15	14	13	-13	-17	- 1	- 4	- 4	9	9	1	- 3		2
WASHBURN	MAX	39	38	36	35	28	30	34	32	37	41	42	39	30	29	27	23	19	16	18	13	12	16	14	13	28	37	36	28	24		2
	MIN	20	22	19	16	12	7	24	8	10	29	20	14	23	25	19	18	5	- 4	8	2	-17	- 1	- 5	-15	- 8	16	18	12	6		1
WATFORD CITY	MAX	38	39	37	35	32	37	34	31	40	41	44	40	31	25	29	26	22	11	13	11	17	17	9	15	32	41	35	28	24		2
	MIN	20	23	16	20	12	12	24	11	12	24	23	14	21	19	14	8	6	- 3	8	-13	-17	- 3	-15	-17	2	18	20	12	- 1		2
WESTHOPE	MAX	34	36	34	29	29	26	26	33	34	36	34	27	28	30	21	17	14	14	21	11	12	20	19	20	31	33	28	21	19		2
	MIN	6	13	20	6	5	2	14	13	10	23	12	14	22	16	7	7	- 7	- 9	- 6	- 8	-12	- 2	0	-11	0	16	9	- 3	- 3		2
WILLISTON WB CITY	MAX	35	37	38	32	31	36	31	32	43	38	45	32	29	25	21	23	19	13	12	3	15	14	5	12	29	37	28	27	17		2
	MIN	22	20	18	20	13	12	19	15	12	25	23	15	21	17	14	15	6	- 1	1	-11	-18	1	-13	-18	4	21	16	17	2		2
WILLOW CITY	MAX	34	37	32	26	25	25	26	29	30	37	39	30	34	31	23	17	8	13	14	23	15	20	28	18	29	34	32	25	25		2
	MIN	11	15	16	3	2	- 3	10	12	6	17	6	12	24	20	15	7	- 3	- 5	1	- 3	-17	-10	2	-10	- 7	12	12	- 1	- 7		2
WILTON RR STATION	MAX	41	31	37	33	32	27	30	32	30	39	35	43	35	28	27	24	20	10	15	12	9	11	13	10	12	27	32	26	22		2
	MIN	22	19	18	19	10	8	10	12	15	16	16	18	22	24	18	16	4	- 4	- 5	1	-10	-10	- 1	-10	- 6	5	18	4	5		
WISHEK	MAX	42	35		38	32	24	29	34	29		37	39	38	30	32	28		20	20	13	10	13	18		16	26	36	31	23		2
	MIN	16	16		12	7	- 1	3	8	8		16	6	18	22	20	15		3	8		-24	-19	-17		-11	3	11	- 5	-12		

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
T 7 SW	SNOWFALL							0.5	0.5					0.2	0.3			1.3	1.4	2.7			0.5	T				T	T			
	SN ON GND	9	8	7	5	4	4	4	5	4	4	3	3	3	3	3	3	4	6	8	8	8	9	9	9	9	7	7	7	7		
A	SNOWFALL							1.0							1.0						2.0											
	SN ON GND	8	7	7	7	7	7	8	8	8	7	7	7	7	8	7	7	7	7	7	9	9	9	9	9	9	8	8	8	8		
N	SNOWFALL					2.3			T						0.6		T	1.5	1.3	4.5	1.1		1.1	0.8					T			
	SN ON GND	13	11	10	10	12	12	11	11	10	10	9	7	6	6	6	6	8	9	14	15	15	16	16	16	16	16	16	16	16		
Y	SNOWFALL								1.0					0.5	2.0			1.0	1.0	2.0	0.5			0.5								
	SN ON GND	14	13	13	13	13	12	11	12	12	12	10	9	9	11	11	11	12	13	15	16	16	16	16	16	16	15	14	13	13		
	SNOWFALL	0.7				1.5									0.3				1.0	6.0	3.0		0.5	T				T	T		
	SN ON GND	6	6	6	6	7	7	7	6	5	4	4	3	3	3	3	3	3	4	10	13	13	13	13	13	13	12	12	12			
URT INDIAN RES	SNOWFALL													T	0.3														T		
	SN ON GND	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
ELD	SNOWFALL							–						T				–	–	–	–		–		T	T		T			
	SN ON GND	9	8	8	7	6	5	5	4	3	2	2	2	2	2	2	2	2	2	5	6	–	–	–	–	9	9	8	8	8		
H	SNOWFALL								3.0					0.2	0.3			T	0.6	3.0			0.5						T			
	SN ON GND	4	3	3	3	3	2	2	5	5	3	2	1	1	1	1	1	1	2	5	5	5	5	5	5	3	3	2	2	2		
E	SNOWFALL										T				T		T												T		
	SN ON GND	6	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
RCK W8 CITY	SNOWFALL								2.0	T				T	0.5	T	T	T	1.3	4.5	1.1	T	T	2.4				0.2	T		
	SN ON GND	8	8	8	7	6	6	6	8	7	6	5	4	4	4	4	4	4	5	10	11	11	11	13	13	13	13	12	12	12		
RCK W8 AP	SNOWFALL			T		T		1.0	T					0.4	0.5	T	T	1.2	3.6	2.9	T	T	1.9	0.6	T			0.1	T	T		
	SN ON GND	7	6	6	6	6	6	6	7	6	5	5	5	5	6	6	6	6	7	12	12	12	13	14	14	13	12	12	12	12		
NEAU	SNOWFALL					T					0.2			T	0.2	T								T						0.3		
	SN ON GND	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3		
ELLS	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		
ON 2 SW	SNOWFALL								T									2.0	2.0		2.0		T									
	SN ON GND	12	10	9	9	8	8	8	8	7	7	6	6	6	6	6	6	8	10	10	12	12	12	12	12	12	11	11	11	11		
ER	SNOWFALL							T	3.0					T			T	1.0	1.0	10.0			T					T			
	SN ON GNO	7	6	6	6	6	5	5	8	7	6	4	3	3	3	3	3	4	5	15	13	13	13	13	13	13	11	11	11	11		
BY	SNOWFALL							3.0			T									2.0				T				T	T		
	SN ON GND	5	5	5	4	4	4	7	7	6	5	5	4	4	4	4	4	4	4	6	6	6	6	6	6	5	5	5	5	5		
L5 LAKE W8 CITY	SNOWFALL	T				T	T	0.3	T		0.2			T	T	0.5	T	0.5	T	T		T	T	0.3	1.9	T		T	T	T		
	SN ON GND	6	5	5	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	5	5	4	3	3	3		
INSON CAA AP	SNOWFALL							0.3						0.3	0.1		T	0.7	3.3	2.8	0.2	T	0.4		T			T	T	T		
	SN ON GND	5	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	4	8	9	9	9	9	9	9	9	9	9	9		
INSON EXP STATION	SNOWFALL								0.4						0.5	T	T	T	1.0	2.5	2.5		0.2	0.3				T	T		
	SN ON GNO	6	5	5	5	5	5	5	5	5	4	4	2	2	3	3	3	2	3	6	8	8	8	9	9	9	9	7	7	7		
CENTER	SNOWFALL								2.1						T			T	1.3	3.4	2.5			1.8				0.8			
	SN ON GND	8	7	7	7	7	7	7	9	9	8	8	7	7	7	7	7	7	8	11	13	13	13	14	14	14	14	12	12	12		
RE 1 W	SNOWFALL													T	0.4	T	0.2												T	T		
	SN ON GND	10	9	9	8	8	8	8	8	8	6	5	5	5	5	5	5	5	5	5	8	8	8	8	8	8	8	8	4	4		
NOALE	SNOWFALL								1.9					1.0	1.0	T	T	1.5	3.5	5.5	4.0	0.3	0.3	0.2					T			
	SN ON GND	9	9	8	7	7	6	5	6	6	5	4	3	3	3	3	3	4	7	12	15	15	15	14	14	14	13	12	12	12		
O W8 AP	SNOWFALL			T		T	T	0.6	T		T			T	1.0	0.1	0.1	0.1	T	T	0.6		0.6	T				T	T	0.1		
	SN ON GNO	12	10	9	9	9	9	8	9	9	7	7	7	6	6	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8		
YATES	SNOWFALL																	2.0	1.0	9.0	T		T		1.0	T		T	T		
	SN ON GNO	12	10	10	9	9	8	7	7	6	5	4	4	4	4	4	4	6	7	18	18	18	18	18	19	19	17	16	16	16		
OLM WILDLIFE REF	SNOWFALL	T						0.7	0.4								T		T	T				T				T	T	T		
	SN ON GND	6	2	2	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
ERTON	SNOWFALL								2.1						T	1.5	T		1.2	5.2	7.8	1.2		0.2								
	SN ON GND	18	15	11	9	9	7	6	8	7	5	4	4	4	5	5	5	6	11	19	20	20	20	20	20	20	18	17	17	17		
I50N	SNOWFALL							2.8			1.0			0.3	T		T	T	0.5	1.3				0.4	T			0.3	T	T		
	SN ON GNO	6	5	5	4	4	4	–	–	–	6	4	3	3	3	3	3	3	–	–	–	–	–	–	–	–	5	5	5	5		
TON 5TATE SCHOOL	SNOWFALL														T						T									T		
	SN ON GND	10	5	5	5	5	5	5	4	4	4	3	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1		
O FORK5 CAA AP	SNOWFALL	T				T	T		T		0.2				1.3	T	0.4		T		4.1			0.3				T	T		
	SN ON GNO	8	8	8	7	7	7	7	7	6	6	6	6	6	7	7	7	7	7	7	11	10	10	10	10	8	7	7	6	6		
O FORK5 UNIV	SNOWFALL	T				T			T						1.0	0.3					4.7			T								
	SN ON GND	14	11	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	8	13	12	12	12	12	10	10	10	6	6		
VILLE	SNOWFALL	T						1.0			T			T	T		T	T	T	T			T	T				T	T		
	SN ON GNO	11	11	10	10	10	10	11	11	11	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7		
BORO	SNOWFALL										T				0.3																	
	SN ON GNO	7	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4		
INGER	SNOWFALL					1.0								0.5				0.5	2.5	4.0	T		0.6		T							
	SN ON GND	5	4	4	4	5	5	4	4	3	3	3	2	3	3	3	3	3	6	10	10	10	11	11	11	11	10	10	9	9		
5TOWN CAA AP	SNOWFALL			T		T		4.6	T					0.4	1.3	T	0.3	T	0.6	0.5	3.3		1.1	0.8	T			0.1	T	T		
	SN ON GND	8	7	7	6	6	6	7	9	9	6	4	3	3	4	4	4	4	5	5	8	8	9	10	10	9	8	8	8	7		
AL WILDLIFE REFUGE	SNOWFALL							0.5	2.5					T	1.5		T		T		T		0.3	2.7					T		
	SN ON GND	7	5	4	4	4	4	4	6	6	5	5	4	4	4	4	4	4	4	4	4	4	4	7	7	7	6	6	6	6		
OEER 8 NW	SNOWFALL							1.0	2.0									T	3.0	6.0	0.5		T	T					T	T		
	SN ON GNO	8	7	6	6	6	6	7	9	9	8	6	5	5	5	5	5	5	8	14	14	14	14	14	14	14	11	11	11	11		
AN EXP 5TATION	SNOWFALL								2.5	T					0.5	T	T	T	2.0	6.0	2.0	T	T	1.2				0.5	T		
	SN ON GNO	11	11	10	9	9	9	9	11	11	10	9	8	7	7	7	7	7	9	14	15	15	15	16	16	16	15	14	14	13		
VILLE	SNOWFALL					T	T	0.1								1.0	T	T			3.0											
	SN ON GND	11	10	9	9	9	9	9	8	8	8	8	7	7	8	8	8	8	8	8	11	10	10	10	10	9	9	9	8	8		
CLUSKY	SNOWFALL							1.2	3.0					T	1.4					2.0			1.0	0.3								
	SN ON GNO	10	9	9	9	8	8	9	12	12	12	11	11	11	12	12	12	12	12	14	14	14	14	14	14	13	11	11	10	10		

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MC HENRY 5 N	SNOWFALL								1.0					T	1.0	T	T				T			2.0						
	SN ON GND	8	8	8	8	8	8	8	9	9	7	7	7	6	7	7	7	7	7	7	7	7	7	9	9	9	9	9	9	9	
MEDORA 4 NNE	SNOWFALL							0.1	0.1									0.1	1.0	3.4	0.3		0.2					0.1	0.1		
	SN ON GND	6	6	6	6	6	6	6	6	4	4	3	3	3	3	3	3	3	4	7	7	7	7	7	7	7	6	6	6	6	
MINOT CAA AP	SNOWFALL							1.3						T	0.2	T	T	T	0.3	T			0.1	0.1				T	T	T	
	SN ON GND	7	6	6	5	5	4	5	5	5	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
MINOT EXP FARM	SNOWFALL							1.5	0.8					T	0.1				0.3	0.2			T	T				0.2	T		
	SN ON GND	9	9	9	9	9	9	11	11	11	9	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
MOHALL	SNOWFALL							-						T	0.1		T	0.1	0.1				T	-					-		
	SN ON GND	6	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
MONTPELIER	SNOWFALL							T	4.0					0.5	1.0	T	0.2	0.4	1.0	4.5	3.6		0.8	2.0	T			T	T		
	SN ON GND	9	7	7	7	7	7	7	11	9	7	5	4	4	5	5	5	5	6	11	14	14	15	17	15	14	11	10	10	9	
MOTT	SNOWFALL							T						0.7				*	*	*	9.0		2.0								
	SN ON GND	7	6	6	5	5	5	5	5	5	4	4	3	4	4	4	4	-	-	-	13	13	15	15	15	15	13	12	12	11	
MUNICH 4 SW	SNOWFALL				T									T	1.0			T												T	
	SN ON GND	8	7	7	7	7	7	6	6	5	4	3	2	2	3	3	3	3	3	3	3	3	3	2	2	2	1	1	1	1	
NAPOLEON 1 SE	SNOWFALL								2.0	T				T	1.0	T	T		1.0	2.0	1.0	T	0.5	0.2				T			
	SN ON GND	13	12	12	12	12	12	11	13	13	11	10	9	9	10	10	10	10	11	13	14	14	15	15	15	15	14	13	13	13	
OAKES	SNOWFALL				T				2.0						2.0	1.0	T	T	3.0	3.0	3.0	0.5			T						
	SN ON GND	10	8	7	7	7	7	7	8	8	7	7	6	6	7	7	7	7	10	13	16	17	17	17	17	17	17	17	17	17	
PARSHALL	SNOWFALL							1.0	0.5		T			T					0.5	T			0.3					T	T		
	SN ON GND	8	7	6	6	6	6	7	7	6	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
PETERSBURG	SNOWFALL														0.5						0.4			0.3							
	SN ON GND	6	6	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	
PETTIBONE	SNOWFALL							0.1	2.2		0.4			0.2	0.8		T		T	0.1		0.1	0.5	0.4				0.1			
	SN ON GND	10	10	10	10	9	9	9	11	11	9	8	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
PRETTY ROCK	SNOWFALL													T				1.0	2.0	2.0	*	*	1.0					0.5	T	T	
	SN ON GND	5	5	5	5	5	4	4	4	4	4	3	3	3	3	3	3	4	6	8	-	-	11	11	11	11	11	11	10	10	
RICHARDTON ABBEY	SNOWFALL							0.3	0.7					0.4	0.1	T	T	0.8	1.5	8.0	1.7		0.4	0.2				0.1	T	T	
	SN ON GND	5	4	4	3	3	3	3	4	3	3	2	2	2	2	2	2	3	4	12	14	14	14	14	13	12	9	9	9	9	
RIVERDALE	SNOWFALL							-	-					-	-					-	-		-					-			
	SN ON GND	9	8	7	6	6	6	9	9	9	8	6	5	5	5	5	5	5	5	6	6	6	7	7	7	7	7	8	8	8	
ROLLA	SNOWFALL														0.5		T												T	T	
	SN ON GND	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SAN HAVEN	SNOWFALL										T																		T	0.2	
	SN ON GND	10	9	9	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	
SHARON	SNOWFALL						T		0.8		T			0.4	0.5		1.0		T	T	1.5			1.5				T		T	
	SN ON GND	14	12	11	10	10	10	10	11	11	10	9	9	9	9	9	10	9	9	9	11	11	11	12	12	12	11	11	11	11	
STANLEY	SNOWFALL							4.0												3.5				T				T		T	
	SN ON GND	11	11	11	11	11	11	15	15	15	12	9	6	6	6	6	6	6	6	9	9	9	9	9	9	9	9	9	9	9	
UPHAM 3 N	SNOWFALL							T			T				T		T					T	0.2					0.2	T	
	SN ON GND	13	11	10	-	-	-	-	-	-	9	-	-	-	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
VALLEY CITY	SNOWFALL								2.5					0.3	1.0	0.1	T			T	1.0		0.3								
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WAHPETON STATE SCHOOL	SNOWFALL								3.0					0.5	1.0	1.5	0.5	T	6.0	2.0	3.0			1.0							
	SN ON GND	15	14	14	13	13	13	13	16	16	15	14	13	13	14	15	15	15	21	22	25	25	25	26	25	25	25	24	24	24	
WESTHOPE	SNOWFALL													T										T							
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILLISTON WB CITY	SNOWFALL							3.0	T					T	T	T	T	0.6	3.5	1.9		T	0.3	T				0.9	T	T	
	SN ON GND	6	6	6	5	5	5	8	8	8	8	8	7	6	6	6	6	6	8	12	12	12	12	11	11	11	9	10	10	10	
WILLOW CITY	SNOWFALL							T			T			T	T									0.5					0.5		
	SN ON GND	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage*	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
[illegible]	[illegible]	WALSH	[illegible]	48 [illegible]	[illegible]	[illegible]	[illegible]	6P	MYRON [illegible] BATA	3
[illegible]	96	MC KENZIE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6P	ANTHONY L. BAUMAN	3
[illegible]	36	MORTON	[illegible]	[illegible]	[illegible]	[illegible]	7P	7P	HOGAN RANCHLAND	2 3 5 7
[illegible]	89	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6P	JAMES A. OPPERUD	3
[illegible]	96	CASS	[illegible]	47 [illegible]	[illegible]	[illegible]	[illegible]	SS	VIRGIL [illegible] BERG	2 3 5 7
[illegible]	39	SLOPE	[illegible]	46 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	BOTTINEAU	[illegible]	48 58	[illegible]	[illegible]	MID	MID	W. H. WEGNER	3
A [illegible] A E [illegible]	369	GRAND FORK	[illegible]	47 56	97 30	960	6P	6P	ALBERT THOREN	2 3 5
[illegible]	38	MC IN [illegible]	[illegible]	46 04	99 [illegible]	[illegible]	[illegible]	[illegible]	SOO LINE AGENT	2 3 5 7
L [illegible]	[illegible]	BARNE	[illegible]	[illegible]	98 05	1300	8A	8A	P. A. JOHNSON	2 3 5
[illegible]	[illegible]	PIERCE	[illegible]	48 [illegible]	[illegible]	155	[illegible]	4P	ROYCE E. PAULSON	3
[illegible]	[illegible]	MC HENRY	[illegible]	48 30	100 36	[illegible]	[illegible]	6P	TEMP E K. ROBERTS	3
[illegible]	[illegible]	[illegible] IN VALLEY	[illegible]	48 55	[illegible]	[illegible]	6A	6A	HELEN TOBIAS	2 3 5
[illegible]	[illegible]	ROLETTE	[illegible]	48 5	99 45	1960	7P	7P	TURTLE MT. IND. AG.	2 3 5 7
[illegible]	[illegible]	STARK	[illegible]	46 52	103 [illegible]	[illegible]	7P	7P	CARL INDERGAARD	2 3 5 7
[illegible]	[illegible]	WAR [illegible]	[illegible]	48 19	101 44	2 80	[illegible]	6P	JOSEPH S. COX	3
[illegible]	[illegible]	MERC [illegible]	[illegible]	47 16	[illegible] 47	1780	[illegible]	4P	KNIFE RIV. OAL C.	3
[illegible]	[illegible]	TOWNER	[illegible]	48 3	99 22	1600	6P	6P	ROBERT A. KRICK	2 3 5 7
[illegible]	[illegible]	BURLEIGHT	[illegible]	46 46	10 48	1670	9A	9A	U.S. WEATHER BUREAU	2 3 5 7
[illegible]	[illegible]	BURLEIGHT	[illegible]	46 46	[illegible] 45	165	MID	MID	U.S. WEATHER BUREAU	2 3 5 7
[illegible]	[illegible]	BOTTINEAU	[illegible]	48 50	100 27	1638	8A	8A	N. D. SCH OF FRSTRY	3 5 7
[illegible]	[illegible]	BURKE	[illegible]	48 48	102 15	1953	8A	8A	FELIX L. ADAMS	2 3 5 7
[illegible]	[illegible]	WARD	[illegible]	48 47	102 08	1925	8A	8A	DEVELOPMENT FARM	2 3 5 6
[illegible]	[illegible]	BOWMAN	[illegible]	46 1	1 3 23	2872	5P	5P	O. B. HOOK	2 3 5
[illegible]	[illegible]	BOWMAN	[illegible]	46 4	103 19	[illegible]	[illegible]	6P	BERNARD L. DOMAGALA	3
[illegible]	[illegible]	[illegible] SLOPE	[illegible]	46 35	1 3 31	[illegible]	[illegible]	5P	ROBERT L. HANSON	3
[illegible]	[illegible]	MORTON	[illegible]	46 14	10 57	1720	[illegible]	MID	FRANK E. POTTER	3
[illegible]	1124	STUTSMAN	[illegible]	46 04	98 49	[illegible]	[illegible]	MID	W. H. HENDRICKSON	3
[illegible]	[illegible]	METTINGER	[illegible]	46 36	102 08	[illegible]	[illegible]	6P	JACOB GRABELE	3
[illegible]	1225	MC LEAN	[illegible]	47 50	100 40	1880	5P	5P	FRED J. KLOKONO	2 3 5
[illegible]	1288	TOWNER	[illegible]	48 29	99 12	[illegible]	[illegible]	MID	HARRY E. HARRIS	3
[illegible]	1360	FOSTER	[illegible]	47 27	98 08	1579	7A	7A	SOO LINE AGENT	2 3 5
[illegible]	1365	GRANT	[illegible]	46 25	101 34	2 00	[illegible]	MID	VINCENT MUGGLI	3
[illegible]	1370	GRANT	[illegible]	46 23	101 35	2500	7P	7P	J. W. EVENS	2 3 5 7
[illegible]	1435	PEMBINA	[illegible]	48 48	97 37	894	6P	6P	JOHN H. ERICKSON	2 3 5
[illegible]	456	OLIVER	[illegible]	47 07	101 18	2100	7P	7P	FRED L. HEINZ	2 3 5 7
[illegible]	1686	STEELE	[illegible]	47 14	9 39	1180	[illegible]	6P	JOHN P. BURCHILL	3
[illegible]	1696	BURKE	[illegible]	48 54	102 47	1930	[illegible]	6P	J. O. SUNDELL	3
[illegible]	1765	GRIGGS	[illegible]	47 26	98 07	1428	5P	5P	P. J. LOCKNER	2 3 5
[illegible]	1916	STUTSMAN	[illegible]	47 13	98 34	1523	[illegible]	5P	G. H. HANAWALT	3
[illegible]	1971	DIVIDE	[illegible]	48 54	103 18	1954	6P	6P	VERNON V. NICHOLS	2 3 5 7
[illegible]	2158	RAMSEY	[illegible]	48 07	98 52	1471	MID	MID	U.S. WEATHER BUREAU	2 3 5 6 7
[illegible]	2183	STARK	[illegible]	46 48	102 48	2587	MID	MID	U.S. CIVIL AERO ADM	2 3 5 7
[illegible]	2188	STARK	[illegible]	46 53	102 48	2460	7A	7A	DICKINSON EXP. STA.	2 3 5 6
[illegible]	2242	WARD	[illegible]	48 31	101 53	1760	[illegible]	6P	FRED E. FELONER	3
[illegible]	2298	MC HENRY	[illegible]	48 47	55 100	22 1634	8A	8A	ED. J. EVANS	2 3 5
[illegible] CENTER	2365	DUNN	[illegible]	47 21	102 37	2191	6A	6A	CHARLES C. NEUSTEL	2 3 5 7
[illegible]	2472	BOTTINEAU	[illegible]	48 39	101 03	1500	7A	7A	SOO LINE AGENT	2 3 5
[illegible] EXP. FARM	2482	LA MOURE	[illegible]	46 20	98 42	1588	8A	8A	N.D. AGRI. EXP. STA.	2 3 5 6
[illegible]	2525	RAMSEY	[illegible]	48 25	98 29	1524	5P	5P	MIKE DAVIS	2 3 5
[illegible]	2570	MC LEAN	[illegible]	47 35	102 09	2082	6P	6P	H. W. CASE	2 3 5
[illegible]	2592	GRANT	[illegible]	46 21	101 49	-	[illegible]	6P	ART A. ESLINGER	3
[illegible]	2605	DICKEY	[illegible]	46 00	98 31	1460	8P	8P	PAUL GRESS	2 3 5 7
[illegible]	2735	WILLIAMS	[illegible]	48 18	103 21	2224	6P	6P	T. BEACHLER	2 3 5
[illegible]	2767	BENSON	[illegible]	48 02	99 46	1650	[illegible]	MID	LYLE O. FERING	3
[illegible]	[illegible]	BILLINGS	[illegible]	47 19	103 12	2650	[illegible]	6P	MRS. EDITH LARSON	3
[illegible] WB AIRPORT	2859	CASS	[illegible]	46 54	96 48	895	MID	MID	U.S. WEATHER BUREAU	2 3 5 7
[illegible]	2949	WELLS	[illegible]	47 39	99 37	1610	6P	6P	EDWIN W. ZUBER	2 3 5
[illegible]	3009	MORTON	[illegible]	46 27	101 14	1930	[illegible]	8A	GEORGE M. SINCLAIR	3
[illegible]	3019	BURKE	[illegible]	48 54	102 23	1940	[illegible]	6P	PALMER M. DUNHAM	3
[illegible] 13 NW	3064	DICKEY	[illegible]	46 04	98 56	-	[illegible]	6P	THEODORE A WIRCH	3
[illegible]	3117	SARGENT	[illegible]	46 06	97 38	1249	6P	6P	ART WATERMAN	2 3 5
[illegible] YATES	3207	SIOUX	[illegible]	46 06	100 38	1640	SS	SS	STAND RK INDIAN AGY	2 3 5 7
[illegible]	3217	WARD	[illegible]	48 27	101 33	1609	5P	5P	U.S WILDLIFE REFUGE	2 3 5 7
[illegible]	3277	BILLINGS	[illegible]	46 53	103 18	2790	[illegible]	7A	HERMAN J. MAY	3
[illegible]	3287	DICKEY	[illegible]	46 10	98 25	1439	6P	6P	F. O. ALIN	2 3 5 7
[illegible]	3309	LOGAN	[illegible]	46 38	99 08	1951	6P	6P	ALVIL HUMMEL	2 3 5
[illegible]	3376	MC LEAN	[illegible]	47 38	101 25	1911	MID	MID	ALBERT J. BEIRELE	2 3 5 7
[illegible]	3501	MERCER	[illegible]	47 00	101 47	-	[illegible]	6P	CHRIST SCHILLING	3
[illegible]	3529	MERCER	[illegible]	47 10	102 03	-	[illegible]	6P	ROBERT H. BACKFISCH	3
[illegible]	3583	FOSTER	[illegible]	47 33	98 48	-	[illegible]	MID	IDA BONDERUD	3
[illegible]	3594	WALSH	[illegible]	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 5 7
[illegible]	3616	GRAND FORKS	[illegible]	47 56	97 05	834	MID	MID	U. S. CIVIL AERO ADM	2 3 5 7
[illegible]	3621	GRAND FORKS	[illegible]	47 55	97 05	830	MID	7P	UNIVERSITY OF N.D.	2 3 5 7
[illegible]	3665	LA MOURE	[illegible]	46 29	98 21	1360	6P	6P	ALBERT J. NESS	2 3 5
[illegible]	3686	MC HENRY	[illegible]	48 16	100 51	1504	7P	7P	FRED ROBLE	2 3 5 7
[illegible]	3696	MC KENZIE	[illegible]	47 24	103 14	2660	[illegible]	MID	SAM CHARCHENKO	3
[illegible] BUTTE 10 N	3701	MC KENZIE	[illegible]	47 31	103 [illegible]	-	[illegible]	6P	EDSEL G. CRIST	3
[illegible]	3736	WILLIAMS	[illegible]	48 37	103 46	2114	5P	5P	L. D. NIELSON	2 3 5
[illegible]	3836	BOWMAN	[illegible]	46 [illegible]	103 08	-	[illegible]	MID	U. E. CRAWFORD	3
[illegible] DAY	3846	DUNN	[illegible]	47 21	102 20	2073	[illegible]	6P	JOHN KISSE	3
[illegible] LINSON R R STATION	3908	RICHLAND	[illegible]	46 04	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
[illegible] AM	3936	CAVALIER	[illegible]	48 59	98 41	1570	6P	6P	U.S. CUSTOMS OFFICE	2 3 5 7
[illegible] BORO	3963	TOWNER	[illegible]	48 57	99 23	1597	7P	7P	CHARLES E. DISHER	2 3 5
[illegible] EY 3 NE	4013	WELLS	[illegible]	47 45	99 53	1596	[illegible]	6P	H. J. REYNOLDS	3
[illegible] ES 6 NE	4073	ADAMS	[illegible]	46 01	102 24	2640	[illegible]	MID	BYRON B. BOBB	3
[illegible] INGER	4178	ADAMS	[illegible]	46 00	102 38	2680	6P	6P	FRED O. FORTHUN	2 3 5 7
[illegible] INGER 7 N	4186	ADAMS	[illegible]	46 15	102 39	-	[illegible]	6P	O. J. GERBRACHT	3
[illegible] SBORO	4203	TRAILL	[illegible]	47 24	97 04	901	6P	5P	ALFRED JAHNKE	2 3 5
[illegible] STOWN CAA AP	4413	STUTSMAN	[illegible]	46 55	98 41	1497	MID	MID	U.S. CIVIL AERO ADM	2 3 5 7
[illegible] ESTOWN ST HOSPITAL	4418	STUTSMAN	[illegible]	46 53	98 40	1457	7P	7P	N.D. ST. HOSPITAL	2 3 5
[illegible] NE	4571	MC KENZIE	[illegible]	48 00	102 55	-	[illegible]	6P	DONALD M. LUND	3
[illegible] MARE	4646	WARD	[illegible]	48 40	102 05	1800	8A	8A	THEO E. ECKBERG	2 3 5
[illegible] AL WILDLIFE REFUGE	4656	STUTSMAN	[illegible]	46 47	15 98 52	1440	7P	7P	U.S. WILDLIFE REFUGE	2 3 5 7
[illegible] DEER 8 NW	4726	DUNN	[illegible]	47 26	102 53	2240	[illegible]	6P	LEONARD J. DAVIS	3
[illegible]	4843	LA MOURE	[illegible]	46 18	98 57	1970	[illegible]	6P	JOHN STROEHL	3
[illegible] GDON EXP. FARM	4958	CAVALIER	[illegible]	48 45	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5
[illegible] SFORD	5002	BOTTINEAU	[illegible]	48 38	101 22	1600	[illegible]	6P	LOUIS SCHAEFER	3
[illegible] MORE	5013	GRAND FORKS	[illegible]	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
[illegible] OS	5078	BENSON	[illegible]	48 17	99 26	1515	7P	7P	JOHN FAGER	2 3 5
[illegible] OR 10 E	5088	STARK	[illegible]	46 38	102 21	2580	[illegible]	5P	JOSEPH LINK	3
[illegible] TON	5210	EMMONS	[illegible]	46 16	100 14	1711	8P	8P	WILLIAM HEYERMAN	2 3 5
[illegible] SON	5220	RANSOM	[illegible]	46 26	97 41	1091	7A	7A	ROBERT M. JOOSAAS	2 3 5
[illegible] MVILLE	5230	BARNES	[illegible]	46 39	98 11	-	[illegible]	6P	WILLIAM H. RUGH	3
[illegible] NWOOD 12 N	5320	PURKE	[illegible]	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
[illegible] DOCK AGRI SCHOOL	5434	BENSON	[illegible]	47 58	99 30	1604	6P	6P	BENSON CY AGR SCHL	2 3 5
[illegible] DAN EXP. STATION	5479	MORTON	[illegible]	46 48	100 54	1750	8A	8A	NO. G.P. FIELD STA.	2 3 5 6 7
[illegible] DAN FT. LINCOLN PARK	5484	MORTON	[illegible]	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
[illegible] NING	5519	DUNN	[illegible]	47 14	102 46	-	[illegible]	MID	DONALD JEFFERIES	3
[illegible] MARTH	5573	SLOPE	[illegible]	46 18	103 55	2714	6P	6P	S. P. GRANE	2 3 5
[illegible] MARTH M D U CO	5575	SLOPE	[illegible]	46 18	103 55	2710	[illegible]	MID	E. B. JESTNES	3
[illegible] FIN	5610	SHERIDAN	[illegible]	47 50	100 07	1610	[illegible]	6P	WM PUTZ	3
[illegible] VILLE	5638	MC LEAN	[illegible]	47 49	101 17	2093	7A	7A	SOO LINE AGENT	2 3 5
[illegible] CLUSKY	5660	TRAILL	[illegible]	47 30	97 19	975	6P	6P	H. A. RAGAZ	2 3 5 7
[illegible]	5670	SHERIDAN	[illegible]	47 29	100 29	1943	6P	6P	ELMER L. SCHIELKE	2 3 5 7
[illegible] HENRY S N	5730	EDDY	[illegible]	47 38	98 35	1509	7P	7P	C. E. BLASKY	2 3 5 7
[illegible] LEOD 3 E	5754	RICHLAND	[illegible]	46 24	97 14	1075	7P	7P	J. G. CARLSON	2 3 5
[illegible] VILLE	5764	NELSON	[illegible]	47 46	98 11	1467	[illegible]	6P	H. H. KNIEFEL	3
[illegible] INA 1 W	5798	STUTSMAN	[illegible]	46 53	99 19	-	[illegible]	6P	RUDOLPH GRAF	3
[illegible] ORA	5803	BILLINGS	[illegible]	46 55	103 31	2270	[illegible]	MID	JAY J. EATON	3
[illegible] ORA 4 NNE	5813	BILLINGS	[illegible]	46 58	103 30	2250	5P	5P	U.S. FOREST SERVICE	2 3 5 7
[illegible] ORA 11 N	5818	BILLINGS	[illegible]	47 04	103 32	-	[illegible]	6P	G. E. MESCHKE	3
[illegible] VILLE	5833	FOSTER	[illegible]	47 20	99 02	1625	[illegible]	MID	EDGAR S. STEGMEIER	3
[illegible] OT CAA AP	5988	WARD	[illegible]	48 15	101 17	1724	MID	MID	U.S. CIVIL AERO ADM	2 3 5
[illegible] OT EXP FARM	5993	WARD	[illegible]	48 10	101 18	1720	6P	6P	N C AGRI EXP STA	2 3 5 7
[illegible] FIT 4 SE	6015	BURLEIGHT	[illegible]	46 40	100 14	1760	[illegible]	5P	U S FISH & W L SERV.	3
[illegible] HALL	6025	RENVILLE	[illegible]	48 46	101 31	1639	9P	9P	IVER JOHNSON	2 3 5 7
[illegible] KPELJER	6105	STUTSMAN	[illegible]	46 42	98 35	-	[illegible]	6P	ROLF HANSON	3 7
[illegible] T	6155	METTINGER	[illegible]	46 23	102 2	2420	SS	SS	FORREST E. COFFING	2 3 5 7
[illegible] ATCH 4 SW	6195	CAVALIER	[illegible]	48 38	98 53	1598	7P	7P	HAROLD FELONER	2 3 5 7

Station	Index No.	County	Drainage*	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
MAPLETON [illegible]	6355	[illegible] AN	8	46 [illegible]	96 45	[illegible]	[illegible]	7P	[illegible] TODY [illegible] [illegible]	[illegible]
NEW ENGLAND	6435	METTINGER	[illegible]	46 [illegible]	102 56	[illegible]	[illegible]	6P	ANTON [illegible]	[illegible]
NEW ROCKFORD WNW	6455	EDDY	[illegible]	[illegible] 47	[illegible] 10	[illegible]	[illegible]	7P	RICHARD [illegible]	[illegible]
NEW SALEM [illegible]	6465	MORTON	4	46 5	[illegible] 25	[illegible] 03	[illegible]	6P	WILLIAM [illegible]	[illegible]
NOONAN	6655	DIVIDE	12	48 [illegible]	[illegible] 3 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NORTHCOTE	6735	BURKE	[illegible]	48 49	[illegible] 16	1895	[illegible]	MID	U S CUSTOMS STATION	[illegible]
NORTONVILLE	6765	LA MOURE	5	46 33	98 44	[illegible]	[illegible]	6P	HENRY L. ERICKSON	[illegible]
OAKE	6820	DICKEY	[illegible]	46 [illegible]	98 [illegible]	1362	[illegible]	8A	MRS. EC[illegible] MURRAY	2 3 5
PARK RIVER	6865	WALSH	[illegible]	48 23	[illegible] 45	498	[illegible]	5P	MARTIN SEVRE ON	2 3 5 7
PARSHALL	6867	MOUNTRAIL	8	47 57	[illegible] 08	1929	[illegible]	6P	C. E. SHUBERT	2 3 5
PEMBINA 2 N	6947	PEMBINA	[illegible]	49 [illegible]	97 14	790	6P	6P	U S CUSTOMS & IMMIG	2 3 5
[illegible] BURG	7127	NELSON	13	48 [illegible]	98 [illegible]	1524	5P	5P	REV. ODE[illegible] MON[illegible]N	2 3 5
PETTIBONE	7147	KIDDER	8	47 07	99 31	1867	7P	7P	L. H. DETHLOFF	2 3 5
PINGREE	7117	STUTSMAN	5	47 10	98 54	572	[illegible]	6P	JERRY W. TANGNEY	3
PORTAL	7201	BURKE	12	49 0	102 33	1954	9A	9A	U S CUSTOMS SERVICE	2 3 5
POWER LAKE [illegible] N	7281	BURKE	8	48 34	102 38	2205	7P	7P	HERBERT J. CLARK	2 3 5
PRETTY ROCK	7331	GRANT	1	46 13	101 51	-	[illegible]	6P	FREDA LEER	3
REEDER	7450	ADAMS	3	46 06	102 57	2810	[illegible]	6P	HENRY A. DUNNER	3
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2865	[illegible]	8A	CHAS. M. METZINGER	3
RICHARDTON ABBEY	7530	[illegible] TARK	4	46 53	102 19	2467	5P	5P	ASSUMPTION ABBEY	2 3 5
RIVERDALE	7585	MC LEAN	8	47 30	101 21	1910	8P	8P	CORPS OF ENGINEERS	2 3 5
ROLLA	7664	ROLETTE	9	48 52	99 37	1868	7P	7P	THEO B. FAGERLUND	2 3 5
RUGBY	7704	PIERCE	12	48 22	100 00	1560	6P	6P	FRANK HORNSTEIN	2 3 5
RYDER	7749	WARD	8	47 55	101 40	2178	[illegible]	6P	S. C. SCHELLENBAUM	3
SAN HAVEN	7824	ROLLETTE	12	48 50	100 02	2001	6P	6P	N.DAK. STATE HOSP.	2 3 5
SANISH	7834	MOUNTRAIL	8	47 59	102 32	1835	7A	7A	H. J. BUGGE	2 3 5
SCRANTON	7932	BOWMAN	3	46 09	103 09	-	[illegible]	6P	HENRY M. TOEHREN	3
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	2182	[illegible]	7P	L. E. WILSON	3
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	-	[illegible]	7P	G. E. BURY	3
SHARON	7986	STEELE	10	47 36	97 54	1516	8P	8P	HUGH LYON	2 3 5
SHERWOOD 3 N	8047	RENVILLE	12	49 00	101 38	1647	[illegible]	6P	U S CUSTOMS SERVICE	3
SHEYENNE	8057	EDDY	11	47 50	99 07	1500	[illegible]	MID	PEHR A. PETERSON	3
SHIELD	8065	GRANT	1	46 14	101 07	-	[illegible]	6P	EDWIN O. CARLSON	3
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	7P	7P	LEROY EDWARDS	2 3 5
STEELE	8366	KIDDER	8	46 51	99 55	1857	6P	6P	STEELE OZONE PRES.	2 3 5
SYKESTON	8608	WELLS	5	47 28	99 24	1634	[illegible]	4P	EDWARD [illegible]ONDAG	3
TAGUS	8627	MOUNTRAIL	12	48 20	1 1 56	2179	[illegible]	6P	GEORGE N. PILGARD	3
TIOGA	8737	WILLIAMS	8	48 24	102 56	2279	[illegible]	6P	L. A. SIMON	3
TOLLEY 4 NE	8764	RENVILLE	2	48 46	101 47	-	[illegible]	6P	CARMIE NELSON	3
TOWNER	8792	MC HENRY	12	48 21	100 24	482	7P	7P	AUGUST B. RIEDER	2 3 5
TROTTERS 6 WNW	8807	MC KENZIE	13	47 21	104 01	2420	[illegible]	5P	WALTER GRUNEWALD	3
TURTLE LAKE	8840	MC LEAN	8	47 31	100 53	1899	5P	5P	ART KLUNGTVEDT	2 3 5
TUTTLE	8850	KIDDER	8	47 08	1 0 00	1880	[illegible]	5P	THEODORE C. OCHSNER	3
UNDERWOOD 12 W	8877	MC LEAN	8	47 26	101 24	1750	6P	6P	MRS. F. W. MATTOON	2 3 5
UPHAM 3 N	8913	MC HENRY	12	48 37	100 44	1425	5P	5P	U S WILDLIFE REFUGE	2 3 5
VALLEY CITY	8937	BARNES	11	46 55	98 0[illegible]	1229	6P	6P	MISS I.C. ROBERTSON	2 3 5
VAN HOOK	8970	MOUNTRAIL	8	47 57	102 21	1864	9P	9P	ERWIN A. VENTSCH	2 3 5
VELVA	8990	MC HENRY	12	48 3	100 55	1511	6P	6P	[illegible] CAR ANDERSON	2 3 5
VERONA	9035	LA MOURE	5	46 22	98 04	-	[illegible]	10A	LOUIS J. FRANDSON	3
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	5P	5P	ST SCH OF SCIENCE	2 3 5
WALHALLA	9155	PEMBINA	9	48 59	97 55	950	[illegible]	6P	FELIX A. GASTONGUAY	3
WARWICK	9185	BENSON	11	47 51	98 42	-	[illegible]	6P	H. S. STINSON	3
WASHBURN	9195	MC LEAN	8	47 17	101 02	1731	6P	6P	FRED KRAUSE	2 3 5
WASHBURN WATER WORKS	9205	MC LEAN	8	47 17	101 02	1730	[illegible]	MID	WASHBURN WATER WKS	3
WATAUGA 8 N, S. DAK.	9219	GRANT	1	46 02	101 34	-	[illegible]	6P	JOHN C. SPICER	3
WATFORD CITY	9233	MC KENZIE	8	47 48	103 17	2084	8P	8P	[illegible] C. ZELLER	2 3 5
WATFORD CITY 11 E	9238	MC KENZIE	8	47 47	103 02	-	[illegible]	MID	IDA PETERSON	3
WATFORD CITY 20 SE	9246	MC KENZIE	8	47 35	103 07	-	[illegible]	6P	MRS. AGNES MURRAY	3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 01	1508	6P	6P	REV. R. CAREY	2 3 5 7
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258	[illegible]	6P	JONATHAN WINKJER	3
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 35	1877	MID	MID	U S WEATHER BUREAU	2 3 5 7
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1471	8P	8P	O. M. SANDERSON	2 3 5 7
WILTON R R STATION	9455	MC LEAN	8	47 09	100 48	2159	8A	8A	SOO LINE AGENT	2 3 5
WISHEK	9515	MC INTOSH	8	46 16	99 34	2010	8A	8A	H. M. LARSON	2 3 5
WOODWORTH 5 E	9575	STUTSMAN	5	47 09	99 12	-	[illegible]	6P	JOHN ROHRER	3
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000	[illegible]	6P	OLA SEVERTSEN	3

DRAINAGE CODE: 1. CANNONBALL 2. DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED 11. SHEYENNE 12. [illegible] 13. YELLOWSTONE

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

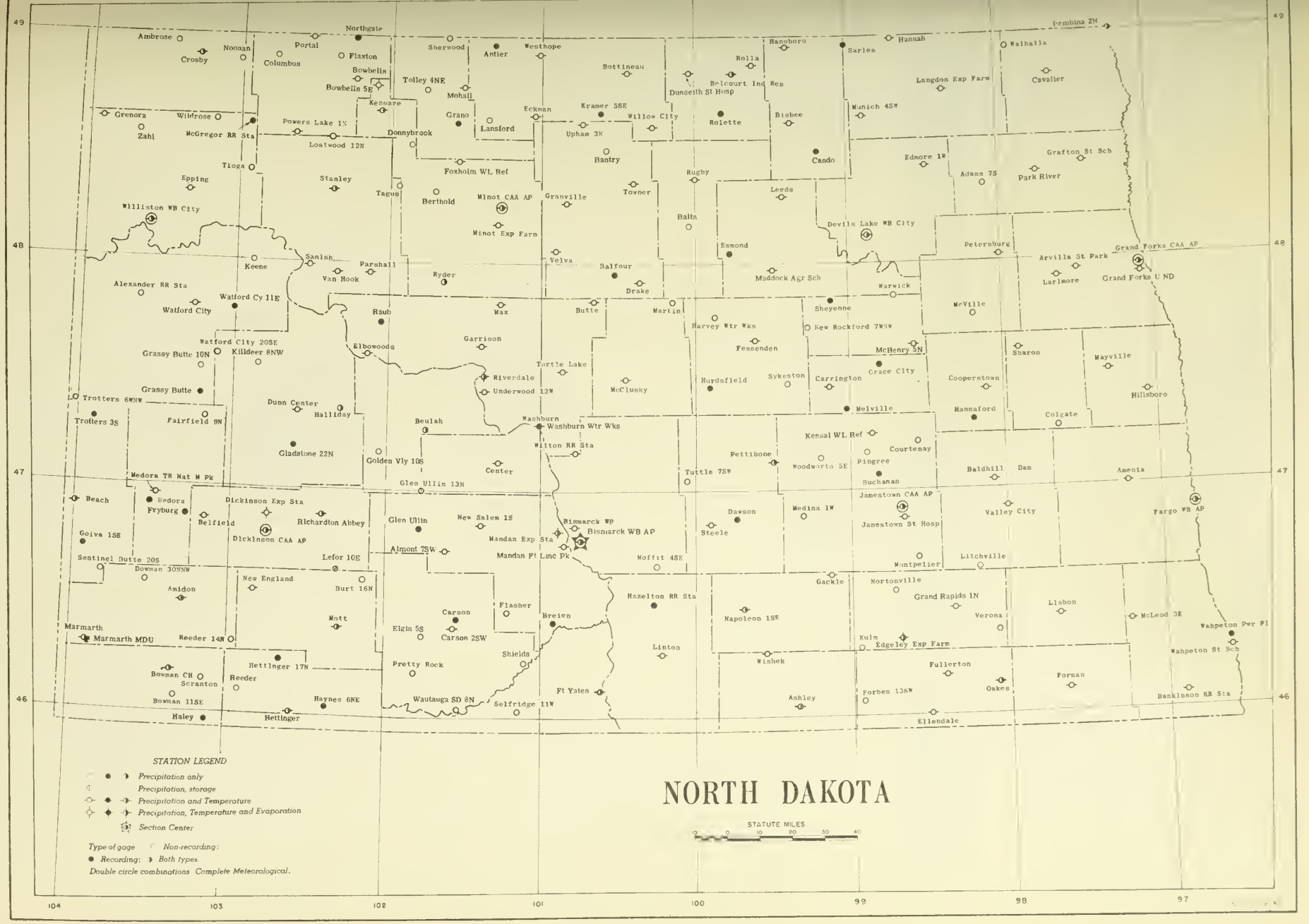
Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windsbield.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted t represent the value for the full month.
R	Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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W.R.P.C., Kansas City, Mo., -- 5-5 52 --


NORTH DAKOTA
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Section Center
Type of gage Non-recording:
Recording: Both types.
Double circle combinations Complete Meteorological.
STATUTE MILES
Ambrose
Crosby
Noonan
Portal
Northgate
Columbus
Flaxton
Sherwood
Antler
Westhope
Bowbells
Bowbells 5E
Tolley 4NE
Mohall
Kenmare
Grenora
Wildrose
Zahl
McGregor RR Sta
Powers Lake 1N
Lostwood 12N
Donnybrook
Grano
Lansford
Eckman
Kramer 55E
Willow City
Upham 3N
Bottineau
Dunseith St Hosp
Belcourt Ind Res
Rolla
Rolette
Bisbee
Hansboro
Sarles
Hannah
Munich 4SW
Walhalla
Langdon Exp Farm
Cavalier
Grafton St Sch
Edmore 1W
Adams 7S
Park River
Cando
Bantry
Foxholm WL Ref
Tioga
Epping
Stanley
Tagus
Berthold
Minot CAA AP
Granville
Towner
Rugby
Leeds
Minot Exp Farm
Williston WB City
Balta
Devils Lake WB City
Esmond
Petersburg
Grand Forks CAA AP
Arvilla St Park
Grand Forks U ND
Larimore
Maddock Agr Sch
Warwick
Sheyenne
McVille
Keene
Sanish
Parshall
Van Hook
Ryder
Velva
Balfour
Drake
Alexander RR Sta
Watford City
Watford Cy 11E
Raub
Max
Butte
Martin
Harvey Wtr Wks
New Rockford 7WNW
Watford City 20SE
Killdeer 8NW
Grassy Butte 10N
Elbowoods
Garrison
Fessenden
McHenry 5N
Grace City
Sharon
Mayville
Turtle Lake
Riverdale
Underwood 12W
McClusky
Hurdsfield
Sykeston
Carrington
Cooperstown
Hillsboro
Grassy Butte
Trotters 6WNW
Trotters 3S
Fairfield 9N
Dunn Center
Halliday
Beulah
Washburn
Washburn Wtr Wks
Wilton RR Sta
Melville
Hannaford
Colgate
Kensal WL Ref
Courtenay
Pingree
Buchanan
Pettibone
Woodworth 5E
Tuttle 7SW
Baldhill Dam
Amenia
Gladstone 22N
Golden Vly 10S
Center
Medora TR Nat M Pk
Glen Ullin 13N
Beach
Medora
Fryburg
Belfield
Dickinson Exp Sta
Richardton Abbey
Dickinson CAA AP
Glen Ullin
New Salem 1S
Bismarck WP
Bismarck WB AP
Mandan Exp Sta
Mandan Ft Linc Pk
Almont 7SW
Lefor 10E
Moffit 4SE
Dawson
Steele
Medina 1W
Jamestown CAA AP
Jamestown St Hosp
Valley City
Fargo WB AP
Golva 1SE
Sentinel Butte 20S
Downan 30NNW
Amidon
New England
Burt 16N
Montpelier
Litchville
Gackle
Nortonville
Grand Rapids 1N
Lisbon
Verona
McLeod 3E
Wahpeton Pwr Pl
Wahpeton St Sch
Hazelton RR Sta
Napoleon 1SE
Flasher
Breien
Carson
Carson 2SW
Elgin 5S
Mott
Marmarth
Marmarth MDU
Reeder 14N
Shields
Linton
Kulm
Edgeley Exp Farm
Wishek
Fullerton
Oakes
Forman
Bankinson RR Sta
Hettinger 17N
Bowman CH
Scranton
Reeder
Bowman 11SE
Haynes 6NE
Pretty Rock
Wautauga SD 8N
Ft Yates
Selfridge 11W
Ashley
Forbes 13NW
Ellendale
Haley
Hettinger
104
103
102
101
100
99
98
97
49
48
47
46

Nat. Hist

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CLIMATOLOGICAL DATA

NORTH DAKOTA

JUN 11 1952

MARCH 1952
Volume LXI No. 3



KANSAS CITY: 1952

NORTH DAKOTA - MARCH 1952

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

Although the month of March was marked by the absence of any severe blizzards, heavy sno continued to accumulate in the southeastern and southwestern counties. An emergency wa declared in Bowman and Slope Counties where the combination of an unusually long winter an heavy snowfall had reduced livestock feed supplies practically to the vanishing point on number of farms. On the other hand the north-central and northeast portions of the sta continued to enjoy one of the finest and most open winters on record. The month averag below normal both in temperature and precipitation for the state as a whole.

The mean temperature for the month was 18.1 degrees which is 6.6 degrees below normal. T eastern division averaged 19.9 degrees which is 4.2 degrees below normal; the middle divisi averaged 17.6 degrees which is 6.7 degrees below normal, and the western division averag 16.7 degrees which is 9.1 degrees below the normal. The lowest mean temperature record was 13.5 degrees at Sanish, and the highest was 22.6 degrees at Grand Forks and Fort Yate Grafton, Grand Forks and Pembina were the only stations in the state to report above-norm mean temperatures for the month. Pembina was 3.3 degrees above the normal. All the oth stations reported below normal mean temperatures, the greatest departure being 12.1 degre below observed at Edgeley. The coldest days were from the 2nd to the 4th. The lowest te perature was 31 degrees below zero at Parshall and Sanish on the 2nd. Pembina and Graft recorded 57 degrees on the 31st for the highest temperature in the state.

Precipitation averaged 0.48 inches which is 0.30 inch below normal for the state. The easte division averaged 0.47 inch which is 0.35 inch below normal; the middle division averag 0.38 inch which is 0.40 inch below normal; and the western division averaged 0.58 inch whi is 0.17 inch below normal. Most of the stations in the state reported below-normal pr cipitation. However, a few scattered stations in the southeast and central portions and number of stations in the southwest portion of the state recorded above-normal precipitati for the month. Snowfall for the month ranged from as little as 1 inch at Eckman, Parsha and Walhalla to more than 15 inches at some stations in the southwest portion. Snowfall f the state averaged 5.8 inches which is slightly below the long time average.

The month opened cold with subzero temperatures general during the first week. Then the fcllowed a two week period in which temperatures averaged slightly above normal. During th period some thawing took place on most days, but temperatures stayed mostly in the low 3(or lower and as a result, snow was very slow to disappear. The fourth week averaged co siderably below normal again but warmed up rapidly during the last four days of the mon It was during this period that the snow disappeared rapidly. Frequent snow fell during t month, particularly in the southeastern and southwestern counties, and this together wi moderate winds resulted in many blocked roads in these areas throughout most of the mon The frequent drifting made it very difficult to reach feed supplies for livestock, partic larly in the southwest counties of Bowman and Slope. In addition, their winter had b unusually long and in many cases livestock had been fed in yards since October. This, in area that depends so much upon winter grazing to take care of livestock, finally brou about a serious condition. As a result, a small "operation snowbound", aided by emerge federal funds to open roads and provide additional feed for livestock, was undertaken. Red Cross was active in cases of human suffering. There were some livestock losses from st vation reported. However, there appeared to be relatively little human suffering. A cases were reported where food and fuel had run out. Snow in the southeastern counties also heavy, but feed shortages were not apparent here. This is perhaps due to the fact t there is normally little or no winter grazing and therefore, more adequate preparations made for just such a winter. The rapid thawing of the last few days of the month did relieve the situation very much because roads became nearly impassable due to mud. Over north-central and northeast sections of the state again only light amounts of snow fell winter continued to be one of the mildest on record. Most of the snow was gone in th sections by the end of the month. Although fairly heavy snow fell on several days, no typi March blizzards occurred during the month. The warm weather at the close also posed a v real threat of severe flooding along many streams in the southern parts of the state. Stre were rising rapidly in the southwest but floods were mostly local at the end of the mon Marmarth on the Little Missouri River was flooded on the 31st. About a dozen families w forced to move out.--CJS

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
earck WB Airport	E	14	8.5	34	NW	22	87	87	79	81	11	8	3	0	0	0	22	48	7.4
ils Lake WB City	-	-	7.8	22	NE	12	-	-	-	-	10	10	0	1	0	0	21	48	7.3
go WB Airport	N	13	11.7	34	N	22	82	83	74	77	10	7	2	0	0	0	19	50	7.4
liston WB City	-	-	6.6	23	E	11	82	82	71	72	15	8	1	0	0	0	24	60	7.8

COMPARATIVE DATA

le 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
92	24.2	66	-35	0.83	1.9	4
93	13.9	68	-35	0.95	10.0	5
94	24.8	69	-22	1.45	10.1	5
95	23.2	75	-35	0.17	1.0	2
96	15.7	70	-35	1.13	8.0	8
97	11.9	58	-48	1.36	8.0	7
98	21.3	79	-24	0.79	6.7	5
99	7.5	72	-30	0.96	10.0	5
00	20.3	77	-24	1.01	8.5	5
01	25.3	85	-32	0.86	5.2	5
02	27.4	65	-25	2.73	11.7	8
03	22.1	80	-24	0.55	5.1	3
04	18.2	64	-26	1.41	11.5	5
05	32.5	81	-25	0.75	2.3	4
06	18.5	67	-34	0.38	3.1	3
07	23.1	83	-20	0.72	5.1	4
08	21.1	68	-31	1.21	12.1	8
09	24.0	61	-24	0.33	2.7	4
10	41.3	90	- 7	0.94	0.3	3
11	30.6	78	-18	0.23	1.6	2
12	15.4	85	-28	0.37	3.6	3
13	17.2	70	-31	0.85	8.2	6
14	25.5	76	-20	0.88	9.2	5
15	22.9	63	-23	0.22	2.0	2
18	20.3	69	-45	1.42	13.5	6

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1917	22.2	67	-39	0.38	3.9	3
1918	35.0	82	-15	0.40	2.9	2
1919	17.8	67	-35	0.78	6.2	4
1920	22.4	87	-32	0.83	7.1	4
1921	25.2	75	-22	0.97	9.1	6
1922	25.8	60	-30	0.71	6.4	4
1923	18.3	65	-35	0.38	4.8	4
1924	22.5	58	-20	0.48	4.4	4
1925	27.4	75	-26	0.68	6.0	4
1926	25.8	83	-23	0.24	1.8	3
1927	30.4	77	-10	0.72	6.5	5
1928	28.1	85	-17	0.52	4.8	3
1929	30.5	77	-15	0.78	5.3	5
1930	26.1	62	-17	0.09	0.9	1
1931	25.7	63	-24	0.94	4.8	5
1932	18.9	64	-30	0.64	6.0	6
1933	28.5	70	-14	0.45	3.7	3
1934	26.3	74	-12	0.49	3.6	4
1935	26.3	75	-37	1.26	7.0	5
1936	25.4	61	-27	0.81	8.1	6
1937	24.8	72	-20	0.39	4.3	3
1938	33.1	72	-14	0.59	2.5	4
1939	23.3	81	-29	0.39	5.3	3
1940	23.1	64	-26	0.87	9.1	7
1941	24.5	68	-25	0.58	6.8	5

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1942	30.0	66	- 8	1.83	12.8	9
1943	17.0	77	-30	1.23	14.8	7
1944	16.7	53	-25	0.81	10.2	8
1945	33.3	77	-27	1.34	2.4	8
1946	34.8	86	-22	0.99	2.9	5
1947	22.3	66	-23	0.34	4.1	6
1948	17.6	64	-40	0.45	5.4	5
1949	21.9	55	-22	0.60	5.7	5
1950	19.2	59	-31	1.38	12.9	7
1951	12.5	59	-38	0.57	6.4	5
1952	18.1	57	-31	0.48	5.8	6

ta for the period heginning with 1949 to date have heen weighted for size of the area in each division and are not comparable with unweighted values puhlished this tahle for earlier years.

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature													Precipitation								
										No. of Days									Snow, Sleet, Hail			No. of D	
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More
EASTERN DIVISION																							
AMENIA		29.6	14.5	22.1	- 2.6	50	31	-16	5	1321	0	15	30	5	.17	- .59	.08	1	4.0	10	1+	3	0
ARVILLA STATE PARK		30.1	12.9	21.5		55	31	-20	4	1342	0	16	31	5	.38		.28	17				5	0
CARRINGTON		25.5	8.4	17.0	- 6.7	39	31	-24	2		0	25	31	8	.48E	- .21	.15E	17		8	7+	10	0
COOPERSTOWN		28.6	12.6	20.6	- 3.7	50	31	-24	4	1370	0	21	31	5	.50	- .21	.40	17	5.0			2	0
DEVILS LAKE WB CITY		27.5	11.5	19.5	- .3	54	31	-18	2+	1405	0	24	31	5	.70	- .08	.50	17	10.4	5	17+	11	1
EDGELEY EXP FARM		25.0	5.4	15.2M	-12.1	36	28	-22	4		0	26	31		.68	- .15	.25	7	8.3	23	7	6	0
EDMORE 1 W		26.0	9.4	17.7	- 3.4	51	31	-23	4	1461	0	27	31	6	.14	- .55	.06	3	1.4	4	1+	3	0
ELLENDALE		28.6	12.5	20.6	- 6.6	45	31	-15	2+	1369	0	21	31	6	.52	- .43	.20	20	6.7	13	6	5	0
FARGO WB AP	//	27.9	12.8	20.4	- 2.3	44	31	-22	4	1379	0	22	31	5	.68	- .33	.27	17	9.9	12	1	9	0
FULLERTON		29.4	11.7	20.6	- 6.5	43	31	-18	2	1372	0	19	31	6	.62	- .44	33	22	6.2	18	7+	5	0
GACKLE		28.0	7.9	18.0M	- 7.3	44	31	-23	4	1440	0	23	31	9	.47	- .38	.19	20	4.7	23	6+	4	0
GRAFTON STATE SCHOOL		30.9	12.8	21.9M	.2	57	31	-18	4	1336	0	12	31	5	.46	- .24	.20	17	4.7	2	1+	6	0
GRAND FORKS CAA AP	//	29.9	14.3	22.1	- .4	53	31	-19	4	1326	0	17	31	5	.31	- .47	.15	17	3.9	6	1+	8	0
GRAND FORKS UNIV		29.8	15.4	22.6	.1	52	31	-18	4	1307	0	20	31	5	.28	- .51	.20	17	2.8	7	7	3	0
GRAND RAPIDS 1 N		28.9	10.7	19.8		45	31	-24	4	1396	0	20	31	8	1.00		.36	17	10.1	16	1+	5	0
HANKINSON R R STA		26.7	9.0	17.9	-10.7	37	30+	-18	4+		0	23	31	7									
HANNAH		26.8	8.8	17.8	- 1.4	54	31	-25	2	1456	0	25	31	5						1	1+		
HILLSBORO		29.7	12.8	21.3	- 4.0	51	31	-25	2	1349	0	15	31	5	.30	- .46	.12	17	3.9			6	0
JAMESTOWN CAA AP	//	26.7	10.7	18.7	- 5.7	44	31	-24	2	1341	0	21	31	7	1.18	.28	.44	17	11.9	11	7+	8	0
JAMESTOWN ST HOSP		26.5	12.4	19.5	- 4.9	45	31	-20	2	1406	0	25	31	5	.72	- .18	.65	17	6.6			3	1
KENSAL WILDLIFE REF		28.0	9.0	18.5		48	31	-26	2	1436	0	20	31	7	.33		.23	17	5.3	8	1+	3	0
LANGDON EXP FARM		28.7	8.6	18.7	- 1.1	50	31	-26	2	1430	0	19	30	7	.34	- .44	.15	17	3.5	7	1+	9	0
LARIMORE		29.5	14,8	22.2	- .5	55	31	-15	2+	1323	0	19	30	5	.50	- .31	.25	17	7.0			3	0
LISBON		29.3	9.1	19.2M	- 8.1	42	31	-20	4		0	19	31	8	.44	- .29	.21	18				4	0
MAYVILLE		29.1	15.7	22.4	- 2.3	49	31	-19	4	1314	0	19	30	5	.21	- .48	.11	17	2.2	8	1+	5	0
MC HENRY 5 N		26.1	9.5	17.8	- 5.2	48	31	-22	2	1457	0	25	31	7	.32	- .37	.16	17	3.7	11	17+	7	0
MC LEOD 3 E		29.6	10.8	20.2	- 7.6	46	31	-21	4	1381	0	17	31	7	.87	.09						6	0
MUNICH 4 SW		26.2	9.2	17.7		54	31	-24	4	1462	0	27	31	6	.23		.06	17		3	8	9	0
OAKES		27.9	10.0	19.0	- 8.7	38	18+	-16	2+		0	20	31	6	.62	- .18	.18	18	7.3	14	20+	8	0
PARK RIVER		29.3	14.4	21.9	- .9	56	31	-14	4	1333	0	19	30	5	.20	- .46	.12	17	2.8	3	17+	4	0
PEMBINA 2 N	//	31.1	12.3	21.7	3.3	57	31	-20	4	1334	0	13	30	5	.22	- .58	.09	17	2.8			5	0
PETERSBURG		28.3	11.3	19.8		54	31	-20	4	1392	0	24	31	5	.40	- .33	.17	17	5.4	4	3+	7	0
SHARON		28.7	13.2	21.0	- 3.2	53	31	-17	4	1359	0	20	31	5	.26	- .36	.12	17	4.8	11	1+	6	0
VALLEY CITY		29.3	13.8	21.6	- 4.7	51	31	-20	4	1339	0	14	30	5	.33	- .46	.15	17	5.4			5	0
WAHPETON STATE SCHOOL		28.9	12.3	20.6	- 7.0	41	29+	-22	4	1368	0	19	31	7	.62	- .10	.15	23		24	1+	8	0
DIVISION				19.9	- 4.2										.47	- .35			5.6				
MIDDLE DIVISION																							
ASHLEY	//	26.2	8.9	17.6	- 7.3	42	31	-23	4	1463	0	24	31	6	.31	- .52	.15	17	4.5	14	6	6	0
BELCOURT INDIAN RES		25.6	5.8	15.7		50	31	-28	4	1521	0	26	31	10	.26		.19	17	2.7	9	17+	5	0
BISBEE		27.4	10.7	19.1	- 3.4	52	31	-19	4	1419	0	24	31	5	.23	- .48	.23	17	2.5	5	17+	1	0
BISMARCK WB CITY		26.6	9.7	18.2	- 7.0	41	30	-24	4		0	23	31	6	.42	- .45	.12	20	4.8	13	7	9	0
BISMARCK WB AP		26.5	8.2	17.4	- 4.5	46	31	-27	4	1472	0	23	31	7	.49	- .40	.13	11	6.1	13	6+	11	0
BOTTINEAU		25.5	8.1	16.8	- 4.0	48	31	-22	2+		0	25	31	8	.13	- .54	.04	17	1.4	3	1+	7	0
BUTTE		26.7	8.9	17.8	- 8.6	43	30	-21	2	1458	0	24	31	8	.44	- .38	.38	17	3.6	7	17	4	0
CARSON 2 SW		26.3	8.3	17.3	- 9.7	48	30	-18	2	1475	0	24	31	8	.61	- .25	.40	20	7.1	16	20+	3	0
CENTER		26.2	5.7	16.0	-10.5	46	30+	-30	4	1514	0	24	31	9	.50	- .23	.22	17	4.0	12	20+	3	0
DRAKE		25.8	6.5	16.2	- 8.5	44	31	-21	2		0	22	31	12	.34	- .36	.31	18	3.4	7	1+	2	
ECKMAN		25.6	6.5	16.1	- 6.9	50	31	-24	2+		0	25	31	9	.10	- .46	.04	12	1.0	2	1+	3	
FESSENDEN		26.5	7.7	17.1	- 6.6	48	31	-27	2	1477	0	21	31	8	.91	.16	.48	17	11.5	8	6+	5	
FORT YATES		30.8	14.3	22.6M	- 4.6	45	31			1300	0	22	31	8	.26	- .55	.21	20				3	
FOXHOLM 7 N		27.6	8.9	18.3	- 7.1	50	31	-20	2	1448	0	25	31	8	.11	- .61	.04	21	1.4	1	1+	4	
GARRISON		25.9	6.3	16.1	- 8.3	44	30	-23	2	1510	0	24	31	10	.42	- .37	.20	17	7.1	6	11+	6	
GRANVILLE		28.6	7.7	18.2	- 6.3	52	31	-27	2	1444	0	21	31	10	.34	- .20	.24	17	4.0	10	17+	2	
HANSBORO		27.1	9.8	18.5M	- 2.2	53	31			1438	0		31		.21	- .67	.15	17	2.9	4	1+	5	
LEEDS		29.6	9.8	19.7		55	31	-22	2	1397	0	18	31	8	.87		.65	17	9.6			9	
LINTON		28.2	11.7	20.0	- 8.0	43	31	-23	4	1391	0	22	31	6	.21	- .57	.13	20	3.3	26	1+	7	
MADOCK AGRO SCHOOL		27.8	8.1	18.0	- 6.3	48	31	-26	2	1452	0	20	31	9	.69	.05	.50	17				6	
MANDAN EXP STATION		24.7	8.3	16.5	-10.3	39	30	-23	4		0	24	31	7	.40	- .44	.17	20	4.3	13	1+	7	
MANDAN FT LINCOLN PARK		29.4	11.3	20.4M		47	31			1380	0	20	31	7	.26		.12	20	3.4	15	1+	4	
MAX		26.4	5.3	15.9M	- 8.6	46	30	-26	2		0	23	31		.16	- .58	.10	17	4.6	13	17+	4	
MC CLUSKY		25.6	7.4	16.5	- 9.7	43	31	-25	2	1496	0	24	31	10	.69	- .09	.54	17	5.7	10	1+	4	
MINOT CAA AP	//	25.7	10.3	18.0	- 5.6	48	30+	-19	2	1450	0	26	31	7	.24	- .37	.10	20	2.4	3	21+	10	
MINOT EXP FARM		25.8	8.8	17.3		45	31	-22	2	1472	0	25	31	9	.13		.05	3+	1.8	8	3+	4	
MOHALL		26.9	8.6	17.8	- 3.7	52	30+	-22	2	1458	0	25	31	8	.11	- .60	.04	12		4	12	5	
NAPOLEON 1 SE		25.7	8.5	17.1	- 6.3	39	31	-26	4	1481	0	23	31	9	.86	- .01	.23	20	10.0	17	22+	7	
NEW SALEM 1 S		24.9	8.3	16.6	- 9.6	42	30+	-20	2	1493	0	23	31	7	.89	.19	.35	20	9.6	23	20	6	
PETTIBONE		25.7	8.0	16.9	- 7.5	48	31	-25	2+	1489	0	22	31	9	.52	- .11	.24	17	6.1	10	7+	9	
RIVERDALE		24.6	6.5	15.6		45	30	-23	2	1529	0	25	31	9	.42		.20	20		9	20+	8	
ROLLA		26.2	8.6	17.4	- 3.8	51	31	-21	2	1474	0	23	31	8	.36	- .54	.21	17	1.6			5	
RUGBY		28.1	8.9	18.5		52	31	-22	2+	1435	0	22	31	8	.53	- .16	.30	17	7.0	8	17	5	
SAN HAVEN		27.7	10.2	19.0		51	31	-18	2	1423	0	22	31	6	.31		.24	17	2.7	8	17+	5	
STEELE		27.8	8.1	18.0	- 6.5	44	31	-23	2+	1451	0	20	31	8	.32	- .40	.16	20	4.0	17	6+	4	
TOWNER		28.2	7.2	17.7	- 4.9	47	31	-28	2	1460	0	19	31	9	.43	- .35	.35	17	7.5			3	
TURTLE LAKE								-28	4		0		31		.61	- .20	.30	17	9.3	14	17	5	
UPHAM 3 N		31.0	7.0	19.0		54	31	-25	2+	1420	0	16	31	10	.05		.02	3+	2.7	8	1+	3	
VELVA		27.7	9.1	18.4	- 6.9	51	31	-25	2	1440	0	23	31	8	.24	- .35	.12	17	4.5	4	3+	6	
WASHBURN		26.3	8.1	17.2M	- 8.3	44	31	-24	2+	1485	0	25	31	8	.48	- .21	.30	17	5.4			6	

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

LE 2 CONTINUED

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
THOPE	28.2	8.6	18.4	- 4.1	54	31	-23	2+	1439	0	23	31	7	.11	- .48	.11	12	2.0			1	0	0
OW CITY	28.2	7.3	17.8	- 2.3	50	31	-28	4	1460	0	20	31	8	.21	- .53	.15	17	4.0	2	7+	3	0	0
ON R R STATION	23.5	5.7	14.6	-10.4	40	31	-22	2		0	26	31	9	.24	- .53	.10	20	1.9	13	1+	5	0	0
HEX	26.3	3.9	15.1M	-11.0			-28	4		0		31		.34	- .47	.12	24	4.8			5	0	0
VISION			17.6	- 6.7										.38	- .40			4.7					
STERN DIVISION																							
NT 7 SW	25.4	10.1	17.8		45	30	-18	2	1458	0	23	31	7	.58		.29	20		12	20+	6	0	0
ON	25.7	8.6	17.2	-11.0	45	30	-15	4		0	22	31	8	1.21	.46	.50	17	10.9	23	21+	9	1	0
H	26.8	8.0	17.4	-10.2	44	30+	-22	2		0	22	31	6	.41	- .34	.14	12	5.8	12	1+	9	0	0
IELD	29.5	7.7	18.6M	- 8.9	48	29+	-18	3	1426	0	19	31		.91	.10	.48	11	9.1	14	20	6	0	0
ELLS	23.1	6.6	14.9	- 6.6	45	31	-23	2		0	28	31	8						5	14+			
ELLS 5 E	23.1	4.9	14.0		45	30+	-27	2		0	26	31	10	.31		.12	12	4.4	8	21+	7	0	0
AN COURT HOUSE //	26.8	7.8	17.3	-11.0	49	29	-15	2	1473	0	22	31	8	1.13	.45	.60	11	11.5			7	1	0
BY	25.2	8.1	16.7	- 7.1	44	30	-25	2	1491	0	26	31	6	.16	- .52	.11	20	2.4	6	12+	4	0	0
INSON CAA AP	25.2	7.1	16.2	- 9.3	45	30	-17	2	1506	0	23	31	9	1.18	.48	.47	11	10.0	18	20+	13	0	0
INSON EXP STA	25.6	6.8	16.2	- 9.3	46	30	-17	3		0	24	31	11	.73	.03	.33	20	8.5	11	21+	7	0	0
CENTER	26.0	3.1	14.6	-11.4	46	30	-28	4+		0	24	31	9	.63	- .12	.33	12	9.8	18	20+	5	0	0
WOODS	26.9	5.4	16.2	-10.0	45	30	-30	2	1510	0	24	31	11	.23	- .30	.11	20	5.8	4	1+	5	0	0
NG	25.9	7.9	16.9	-10.1	48	29+	-26	2	1484	0	26	31	7	.63	.06			11.0			4		0
ORA	25.6	6.3	16.0	- 6.4	44	28	-27	2	1515	0	25	31	7										
INGER	24.9	10.5	17.7	-11.2	40	29+	-13	2	1457	0	23	31	7	.82	.16	.42	11	7.0	14	11+	6	0	0
ARE	25.1	7.0	16.1	- 7.1	47	31	-22	2		0	27	31	9	.27	- .38	.15	12	3.2	7	12	6	0	0
ARTH	28.7	10.6	19.7M	- 9.1			-11	23	1397	0	20	31	7	.71	- .02	.34	11	12.3	16	12	6	0	0
RA 4 NNE	31.4	9.7	20.6M		50	29	-20	2	1358	0	19	31	7	.70		.34	11	8.1	10	12+	6	0	0
	26.6	7.2	16.9	-10.7	44	29+	-23	4	1485	0	23	31	10	.48	- .38	.18	20	7.5	16	24	6	0	0
ENGLAND	27.2	8.9	18.1	- 8.0	46	30	-15	6	1451	0	22	31	8	.92	.11	.24	17	9.0			6	0	0
HALL	25.8	5.3	15.6	- 9.7	45	31	-31	2	1526	0	24	31	10	.14	- .44	.12	20	1.0	5	20+	3	0	0
AL	24.2	6.5	15.4	- 3.0	50	31	-20	2+		0	27	31	9	.19	- .42	.11	12	2.0	5	1+	2	0	0
RS LAKE 1 N	23.4	4.9	14.2	-11.3	43	30	-30	2	1573	0	25	31	12	.19	- .51	.09	12	6.0	15	21	3	0	0
AROTON A88EY	26.2	10.0	18.1	- 9.1	46	30+	-15	2	1448	0	24	31	7	1.08	.36	.44	20	8.4	11	20+	9	0	0
SH	24.2	2.7	13.5	-11.3	49	31	-31	2		0	26	31	11	.44	- .14	.16	12+				10	0	0
LEY	23.5	5.0	14.3		46	30	-26	2	1570	0	26	31	11	.43	- .21	.16	11	7.8	14	20+	4	0	0
HOOK	25.7	6.6	16.2M		45	30	-28	2	1507	0	25	31	10	.16		.10	20	2.8	11	24	4	0	0
ORD CITY	28.8	8.1	18.5	- 7.7	48	29+	-27	2	1436	0	23	31	9	.52	- .17	.22	11	8.2	14	12+	5	0	0
ISTON W8 CITY	26.4	9.6	18.0	- 4.9	48	28+	-26	2	1453	0	26	30	6	.42	- .27	.23	11	6.0	13	12+	9	0	0
VISION			16.7	- 9.1										.58	- .17			7.1					
TATE			18.1	- 6.6										.48	- .30			5.8					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station		Total	Day of month																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
ADAMS T S		.62	.01		.06	T			.06		T		.22	.07					.43		T	T	T	T		.01		T	.06			T
ALEXANDER		.43	.03										.04	T										.10				T				
ALMONT T SW		.58	T					.04		.03			.06	.13				T	.16			.29	T			T	.02					
ANARDSE		.26		.07																		T	T			T		T	T			
AMENIA		.17	.08						.04										.05													
AMIDON		1.21			T			.03	.03				.10	.20	T		T	.10	.50			.10	.10	T		.05	T	T				
AMIDON	P	1.21						.08					.03	.25	.02			.36	.33			.00				.05						
ANTLER		.15	.02	.01	.03					.01				.06													.02					
ARVILLA STATE PARK		.36		.02					.05					.02					.28			T	T			.02		.01	T			
ASHLEY		.31						.02											.15			.09					.02					
BALTA		.23	T		.03				T				T						.20			T	T					T				
BEACH		.41	T		.01								.02	.14	.07	T						.07	.01	.01		.07	.01		T		T	
BEACH	R	.34			.02								.12	.08									.05		.03	.04						
BELCOURT INDIAN RES		.26	.01		.02				T	.02									.10			T	T	.02				T	T			T
BELCOURT INDIAN RES	R	.47			.05				.02	.02	.01							.03	.29					.02					.03			
BELFIELD		.91			.04		T						.46	.00	.02		.10					.18										
BERTHOLD		.15	.01											.00								.07	.01									
BEULAH		.48	.01										.05	.03		.03			.16			.18				T						
BEULAH	R	.54											.07	.03	.01	.03		.02	.16			.20										
BISBEE		.23	T		T				T					T					.23			T	T	T				T				
BISMARCK W8 CITY		.42	.01	T	.02			.01	.10	T	T			.08					.06	T	T	.12	T	T	T		.01	.01	T			T
BISMARCK W8 AIRPORT	P	.49	T	T	.01	T	T	.12	T	.01			.13	.02		T		.03	.01	T	.01	.12	T	T		.01	.02	T				
BOTTINEAU		.13	T	.02	.02			T	.01	T	T			.01	T				.04	.02		.01		T		T		T				
BOWBELLS		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
BOWBELLS 5 E		.31	.03	T	.02			T	T	T	T	.01		.12	T	T			T		T	.07	.05	.01			T	T				
BOWNAN COURT HOUSE		1.13		T				.04					.60	.30					.04		.02	.02	T		T	.11						
BOWNAN 11 SE		1.13		T	T			.05					.83	.05					.14		T	T			.02	.04						
BREIEN	R	.47						.11					.06					.05	.05		.12	.06										
BUCHANAN	R	.39	.05					.06		T			.23					.02	.24					.02									
BURT 16 N		.82						.05										.05	.10			.36				.03						
BUTTE		.44	.01											.03					.38			T	.02				T				
CANDO	R	.43			.07			.02	.03										.23			.04						.02	.02			
CARRINGTON	E	.48	.02	.02	.02			T	.05	.10		.01	.05				.05		.15					.01								
CARSON	R	.38						.07					.08					.01	.04		.13	.05										
CARSON 2 S W		.61						.06					.15									.40	T				T					
CENTER		.50	T		T			T					.10					T	.22			.18		T		T						
COLGATE		.32	.12							.06									.14					T								
COLUMBUS		.20			.03			T						.04								.11	.02									
COOPERSTOWN		.50	T							.10									.40				T	T				T				T
CORTENAY		.44		.09	T			T											.30					.05								
CROSBY		.16	.01		.01								T	.03	T							.11	T			T						
CROSBY	R	–	–	–	–	–	–	–	–	–	–			.03							.05	.07										
DEVILS LAKE W 8 CITY	R	.70	.03		.04	T	T	T	.03	.01	T	T	T	.01		T		T	.50	T		.02	.01	.01			T	.02	.02			
DICKINSON CAA		1.18	T	.01	T		T	.01	T	T			.47	.11	.02	.01	T	.02	.13		.30	.03	.02	.01	T	.04	T	T				
DICKINSON EXP STA		.73	T	T	T			T	T	T	T		T	.21		.01	T	T	.13			.33	.02	T		.02	.01	T				
DONNYBROOK		.20			T	T						T	.15	.03	T					T		.02	T	T								
DRAKE		.34		T	.03															.31												
DUNN CENTER		.63	T		T				T					.33	T	.03						.23	T	T		.02	.02					
ECKMAN		.10	T		.03				.03	T				.04	T							T	T				T	T	T			
EDGELEY EXP FARM		.68	T	.02				.01	.29	T			T	T	T				.17					.16	.07							
EDMORE 1 W		.14	T		.06			T	T	.05	T								.03			.11	T			T						
ELBOWOODS		.23	.01										.07	.03		T				.01		.31	T	T			T	T				
ELGIN 5 S		.51	T		T			T	T	T			.19	.04	T		T	T				.20	T	.05	T			T	T			
ELLENDALE		.52	T		T		T	.06	T	T			T	T	.12				.07	T		.06	.04									
EPPING		.63												.51																		
ESMOND	R	.59		.03	.04		.01	.03	.05				T	.15	T				.43	T	.09	.04	T									
FAIRFIELD 8 N		.28											T	T	T				.27	T	T	.10	T	.07	.01			.06	.05			
FARGO W8 AIRPORT	R //	.68	.04	T	T			.05	.01	T	T		.08						.48						.14							
FESSENDEN		.91	.06					.15						.06		.03						.20										
FLASHER		.33							.04																							
FLAXTON		.15	T		T			T			T		T	.09								.06	T									
FORBES 13 NW		.98		T				.27		T				.18						T		.36		.17					T			
FORT YATES		.26						.03	T	T			T						.02			.21										
FORT YATES	R	.44					.03	.07										.04	.04		.05	.21										
FORTHOLM 7 N		.11	T		T			T	T				T	.02		T						.03	.04	T				.02				
FRYBURG	R	.36										.01	.10	.03							.14	.02				.04	.01				.03	
FULLERTON		.62	T	T				T	.03						.02				.02			.22		.33								
GACKLE		.47					T	.08	.05										.15			.19	T									
GARRISON		.42	.02	T	.01		T	T	T	T			.07	.01				T	.20	T	T	.11	T	T		T	T	T				
GRACE CITY	R	.49						.02	.05	.02								.05	.35													
GRAFTON STATE SCHOOL		.46	.09	.02	.02				.06		T								.20			T	.05	T	T					T		
GRAND FORKS CAA		.31	.02	T	.02			T	.07	.01	T			T					.15			.01	T	.02				.01	T			
GRAND FORKS UNIV		.28	T	.01	T				.07	T									.20	T		T	T	T				T	T			
GRAND RAPIDS 1 N		1.00	.08					T	.11		T			T					.36			.22	T	.23								
GRANVILLE		.34	T		.10				T	T				T					.24			T	T									
GRASSY BUTTE	R	.66											•	.45							.18	.03										
GRASSY BUTTE 10N		.34	.04		T								.24	.03							.01	.02						T				
GREMORA		–		T									•	.50								–										
HALLIDAY		.63											.19	.07		.05						.28	.04									
HALLIDAY	R	.58											.13	.02	.01	.02			.04		.19	.08				.00						
HANKINSON R R STA		–								–	–				.35				–	T		T	.13		.32			T			T	
HANNAH		–	.02		–			T	.03										.13			T	.04	T					.02			
HANSBORO		.21	.01		.02			.02	.01	T									.15			T	T	T				T	T			
HARVEY 3 NE		.46			.04		T	.04	T					T					.40			T	T									
HAYNES 6 NE	R	.34											.05					.02	.01		.16	.05				.05						
HETTINGER		.82						.14					.42	T	.03			T	T		.02	.18				.03						
HETTINGER 17 N	R	–	–	–	–	–	–	–	–				•	.41				.03	.07		.09	.06										
HILLSBORO		.30	.02	T					.02	.01			T						.12	T		.09	T	T				T				
JAMESTOWN CAA		1.18	.09	T	T		.01	.13	.04	T	T		T	T				T	.44	T	T	.06	.01	.40	T		T	T	T			
JAMESTOWN STATE HOSP		.72				T	T	.04	T	T	T								.65	T		.03	T									
KENMARE		.27	T		.01					.01				.15								.07	.01	.02								
KENMARE	R	.23											.06	.08								.02	.0T									
KENSAL WILDLIFE REF		.33	.06					.02	T									T	.23			T										
KILLDEER 8 NW		.75						T		.13			.31	.23	T						T	.21	T	T		T	T	T				
KULM		.48													.02			T	.17	.03		.13	T									
LANGDON EXP FARM		.34	.03		.02			T	.01	.03	.03			.02					.15			.03	.02	T				T	T			
LANSFORD		.25	.02		.07			T	.03	T			T	.10		T			T			T	T				.03	T				
LARIMORE		.50						.15	.10										.25			T							T		T	T
LEEDS		.67	T	.05	.02			.01	.09					.01					.65		T	.02	.01	T				T	.01			
LEFOR 10 E		1.07	T	T				.06	T	T			.19	.27	T	T	T	T			.21	.24	.06	T		.04		T				
LINTON		.21	T					.01	.01	T			.01	.01					.03	T		.13	T	.01		T	T	T				
LISBON		.44	T	T	T				.14										.06	.21			T	T				.03				
LITCHVILLE		.43	.04	T	T			.05	.06										.11			.07		.02	.06			T				
MADDOCK AGR SCHOOL		.69	.02		.05			.03	T	.06	T			T					.50	T		T	T	.03			T	T	T			
MANDAN EXP STATION		.40	.01	T	T			T	.06	T	T			.06		.01			.08	T		.17	T	T	T		T	.01	T			
MANDAN FT LINCOLN PARK		.26	T					.04	T	T			.05	T		T			.07			.12	T					T				
MANNING	R	.48											.00	.03	.04	.01					•	•	.25			.06						
MARMARTH		.71			T			.12					.34	.10							.12	T			.01	.02						
MARMARTH N O U CO	R	.77						.11				.02	.26	.04				.04	.0T		.04	.02			.14	.01						
MARTIN		.71		T	T	.11		T				T		T		T	T	T	.60													
MAX		.16	.02							T			T	.02					.10			.02	T	T		T						
MAYVILLE		.21	.03						.04										.11	T		T	T					T				
MC CLUSKY		.69	.07		.02									T					.54													
MC HENRY 5 N		.32	.01		.02			T	.06	.01						.10			.16			T	T	.03				.01	T			
MC LEDO 3 E		.87	.04					.14											•	.37				.22				T	T			
MC VILLE		.33			.10				T										.20			T		T								
MEDINA 1 W		.55						.11					T						.34			.10	T					.03	T			
MEDORA	R	–											.33	.09							.15		.01	–	–	–						

See reference notes following Station Index.

DAILY PRECIPITATION

able 3—Continued

MONTH [illegible]
MARCH 195[illegible]

Station		Total	Day of month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ORA 4 NNE		.70			.31			T	T				.34	.14	T						.12	.03	T	T	T	.08							
ORA 11 N		.93	T		.03			T					.36	.22	T	.02	T	T			.10	T	.05	.03	.01	.10	.01	T					
ILLE	R	.18	.02					.02											.14													
T CAA		.24	.02	.01	.02		T	T	T	T		T	.01	.03		T		T	.01			.10	.01	.01			.02	T				
T EXP FARM		.13	T		.05			T	T	T				.01					.02		T		.05		T							
IT 4 SE		.15	T		T			T	T	T			T	.01					.02	T		.10		.01		.01	T					
ALL		.11	.02		.03			.01	T					.04								.01	T									
PELIER		1.13	.13		T			.05	.16					T					.36	T		.33	T	.10			T					
T		.48						.03					.12	.03	T	T	T	T	.09		T	.18	T			.03		T		T			
ICH 4 SW		.23	.02		.04			T	.01	.02	T								.06			.03	.02	.01				T	.02			
LEON 1 SE		.86	.02					.03	.05	T			T	.18					.20			.23	T	.15			T	T				
LEON 1 SE	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ENGLAND		.82						T		T			.23	.07	T			T	.24		.19	.20	.06	T									
ROCKFORD 7 WNW		.45	T					T	T	T									.45	T			T									
SALEM 1 S		.89						.10					.20	T		.06		T	.15	T	T	.35	.01	T	T	T	T	T				
AN		.31	.04										T	.10								.17										
MGATE	R	.13												.07								.00										
ONVILLE		.57	T					.05	.02										.30			.18	T	.02								
S		.67	T	.06	T				.09	T	T				.05				.08	.18		.10	.04	T	.02			T	T				
RIVER		.20	.01		.05				.02										.12			T	T	T				T	T				
HALL		.14	T		.01								.01	T						T		.12										
INA 2 N		.22	.02		.02				T	.05	T								.09			.04										
RSBURG		.40	.06		.03			T	.05	T	.03								.17			.03	T				T	T	.03			
IRONE		.52	.06		.01			.05	.08					.04					.24			T	T	.01	.02			.01		T			
IRONE	R	.56	.06					.09	.08					.05				.05	.20					.03									
REE		.94	.10	.05	.05			.40	.04					T		T			.10	.05			T	.15		T							
AL		.19	T	T	T							T	T	.11								.08	T	T								
RS LAKE 1 N		.19								T			T	.09								.08	.02				T					
TY ROCK		.91	.02		T	T	T		T	.03		T	.33	.09	T	.03		.21	.11			.05	.04	T	T	T	T	T				
ER 14 N		1.03						T					T	.18	T	T			.17			.21	.33	.03	.08	.05						
ROTON ABBEY		1.08	T	T	.01			.01	T	T			.16	.13	T	.03	T	T	.20	T		.44	T	T		.05	.05	T					
AROTON ABBEY	R	1.07											.24	.00	.04				.21		.36	.08				.05	.03						
RDALE		.42			.01			T	T	T		T	.01	.05		T			.11	T		.20	T	.02		.01	.01	T					
A		.30	.03		.04			T	.02	T									.21		T	.06	T	T					T			
Y		.53	.02		.02			T	.00		T			.13					.30			T					T					
R		.22					.05	T	T	T			T	.05						T	•	.12			T	T			T				
R	R	.12					.01															.11										
HAVEN		.31	.01		.04				.01	T				.01					.24				T					T				
SH		.44		.01	.03				.01	.01				.16	.01	.01						.16	.02	T			.02						
NTON		.98				T		.03	T	T			.56		T	T	T	T	.13		.14	.03	T		.05	.04		T		T			
RIDGE 11 W		1.61						.33					.42	.21				.31	.15			.19										
INEL BUTTE 20 S		.30	T	T				T	T	T	T		.20	T	T	T	T				.05	T	T	.05								
ON		.26	.03		T			T	.04	T				T					.12			.03	T	.01				.03	T			
WOOD 3 W		.10	.01		.01				T	.02	.01		T	.08								.01	.02									
ENNE	R	.42					•	.07											.35													
LOS		.57	T					.11					.10		T							.36										
LEY		.43							T	T			.18	.12					T		T	.12	.03			T						
LEY	R	.51							.03	.01			.18	.12							.01	.10										
LE		.32	.04		T			.08											.04			.16		T				T				
STON		.17	.03	T	T			T	T	T				T					.14	T	T	T	T	T				T	T	T	T	T	
S		.19	T		.02			T	T					.02	.02				T			.00	T	.03								T
A		.31			T								.10	.11								.10										
EY 4 NE		.24	T		.02				.01					.06								.15										
ER		.43			.03				.05										.35													
TERS 6 WNW		.81			.01								.34	.13	T			.10			.08	T	.02	T	.12	T		.01				
LE LAKE		.61	.04					.02	T	T			T	.10					.30			.15		T			T	T				
LE		.36	.02		.03			.03	.04	.01	T		T	.02	T				.12	T		.02	T	.03	.02			.02				
N 3 N		.05	.01		.02				T					T					.02			T	T					T				
EY CITY		.33	.10	T															.15			.05	T	.02				.01				
HOOK		.16	T		.01								T	.03		T			T			.10	T			.02						
A		.24	.01		.04			T	T	T				.04		T			.12			.01	T	T			.02	T				
NA		.60											.20											T	.40							
ETON STATE SCHOOL		.62	.03	.03					.03						.07				T	.10		.14		.07	.15							
ALLA		.10	T						.03	T									.05			T	T	T								
BURN		.48	.01	T	.01			.01	T	T			.01	T				T	.30			.14	T	T			T	T				
BURN WATER WKS	R	.67											.09						.39			.19										
UGA 0 N S OAK		.37						.04					.14	T		T		.06			.10	.03	T	T			T					
ORO CITY		.52											.22	.14								.12	.02			.02						
ORO CITY 11 E	R	.39											.10	.02							.09	.11				.07						
HOPE		.11	T		T				T					.11																		
ROSE		.33			T							T		.18								.15										
ISTON WB CITY	R //	.42	.02	.03	.01			T	T	T	T	T	.23	.06	T	T	T	T	T	T	.03	.01	.01	T	T	.02	T	T					
W CITY		.21	T		T			T	.04	T	T			.02					.15			T					T					
ON RR STATION		.24	.02						.03					T					.05	.04		.10	T	T			T					
ER		.34						T	.10					T			T		.03	.02		.07	T	T		.12	T					
NORTH 5 E		.69	.10		T			.31	.13					T				T	.15			T	T	T								
		.24	.05	.03				T	T	T	T		.04	.03	.02			T			.03	.01	T		T	.03							

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

Station		Day Of Month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7SW	MAX	14	6	4	5	10	22	29	26	33	27	22	28	25	25	30	26	34	26	30	26	23	14	21	26	33	26	36	36	37	45	43
	MIN	- 3	-18	-10	-14	- 7	3	19	16	15	13	14	19	13	13	15	13	24	16	17	19	12	0	- 6	5	14	12	6	21	25	25	23
AMENIA	MAX	9	5	13	10	17	24	24	31	35	33	32	35	34	33	33	29	33	34	34	34	31	25	27	32	35	36	32	37	40	42	50
	MIN	-15	-13	- 2	-14	-16	13	15	24	23	8	22	21	19	9	17	11	22	29	29	25	14	13	10	11	18	23	19	25	25	33	31
AMIOON	MAX	21	10	2	11	15	18	22	34	31	33	22	20	22	22	25	25	34	30	34	31	22	18	12	24	26	32	33	41	40	45	43
	MIN	0	-12	-10	-15	- 7	- 2	15	3	13	8	12	15	15	9	17	11	14	10	12	15	13	- 4	- 8	5	20	11	9	19	28	25	26
ARVILLA STATE PARK	MAX	7	4	10	14	18	26	28	30	39	33	32	36	32	33	33	35	32	34	32	30	25	23	26	35	39	34	38	34	44	44	55
	MIN	-13	-14	- 8	-20	-14	12	19	24	23	16	19	24	17	7	12	3	23	27	27	24	10	9	10	7	15	22	12	25	27	32	24
ASHLEY	MAX	17	9	6	6	21	23	31	27	32	27	21	27	27	34	29	24	34	32	32	28	25	17	17	27	28	29	36	33	39	33	42
	MIN	1	-17	-14	-23	- 8	16	12	18	18	4	12	12	15	5	6	0	22	21	20	20	7	4	2	- 4	9	14	8	21	25	27	24
BEACH	MAX	24	10	5	8	10	23	25	30	36	35	24	24	24	24	28	27	30	30	33	32	25	19	13	23	30	37	34	41	40	44	44
	MIN	- 4	-22	-10	-11	- 8	1	8	5	6	7	14	16	17	14	13	13	15	3	5	15	13	3	1	- 2	12	10	12	23	26	27	26
BELCOURT INDIAN RES	MAX	- 2	1	6	1	15	20	24	25	31	30	25	26	24	29	30	30	35	32	29	27	21	18	23	30	32	31	37	32	36	45	50
	MIN	-16	-27	-10	-28	-10	- 3	15	9	17	10	10	15	5	0	11	- 4	20	16	11	19	3	- 3	3	- 6	4	16	9	23	25	28	16
BELFIELD	MAX	13	8	9	10	23	20	21	23	37	24	24	29	31	34	34	30	32	38	38	32	34	21	29	31	37	29	42	42	48	48	46
	MIN	- 9	-16	-18	-11	- 8	- 2		8	14	7	11	16	16	19	12	12	18	- 4	10	13	8	- 4	-13	10	18	12	22	17	25	26	23
BISBEE	MAX	2	5	7	11	17	23	26	30	32	30	27	30	27	32	30	32	34	33	28	28	21	18	23	32	31	32	38	35	39	47	52
	MIN	-12	-18	- 8	-19	-10	5	17	18	14	11	15	20	8	9	16	10	23	22	23	20	3	1	2	4	10	20	14	28	27	31	27
BISMARCK WB CITY	MAX	18	15	5	7	7	21	24	29	30	35	26	26	30	27	30	29	36	37	30	30	29	25	16	20	27	33	27	39	36	41	40
	MIN	4	-18	-10	-24	-12	1	19	20	17	8	16	20	15	10	9	11	18	20	21	22	11	2	- 1	- 5	9	16	12	18	22	28	22
BISMARCK WB AIRPORT	MAX	14	0	7	8	20	23	30	29	34	26	24	28	28	28	25	31	37	28	31	29	25	15	22	25	33	27	38	35	38	37	46
	MIN	-12	-21	-16	-27	- 9	19	20	20	10	3	11	20	14	5	8	10	23	20	21	18	9	1	- 2	- 8	12	8	7	16	26	28	20
BOTTINEAU	MAX	8	2	3	5	5	13	21	25	24	30	28	26	30	30	33	33	28	32	31	32	30	19	19	27	30	31	29	40	35	44	48
	MIN	-13	-22	-15	-22	-12	- 3	13	17	15	8	11	20	9	12	14	13	19	20	15	22	6	0	- 1	3	9	11	10	17	26	29	21
BOWBELLS	MAX	10	2	5	0	0	18	21	26	28	29	28	24	26	24	28	30	31	24	27	27	22	12	13	15	29	31	31	31	36	42	45
	MIN	-12	-23	-15	-19	- 9	- 1	9	16	10	6	5	16	9	15	1	6	27	17	17	17	4	-14	-13	3	7	10	12	23	26	31	28
BOWBELLS 5E	MAX	8	- 1	3	- 1	0	14	20	24	25	28	26	23	24	21	26	30	31	28	25	27	28	20	13	24	33	29	26	35	38	45	45
	MIN	-11	-27	-16	-21	-13	- 2	8	16	11	3	5	17	8	9	0	3	21	16	16	15	7	-17	-14	- 4	6	10	9	21	25	23	27
BOWMAN COURT HOUSE	MAX	21	2	8	7	17	23	27	27	33	29	21	22	26	27	25	27	33	33	32	28	28	15	21	29	34	32	39	39	49	42	41
	MIN	- 4	-15	-11	-13	- 9	- 2	9	4	17	4	8	17	14	11	17	11	23	8	9	14	12	- 4	-12	15	20	9	11	8	26	26	19
BUTTE	MAX	5	3	4	13	12	22	25	26	32	25	27	32	30	34	30	31	39	31	32	29	26	19	20	26	32	30	38	35	40	43	38
	MIN	- 8	-21	-11	-17	- 5	0	16	17	19	15	13	20	9	11	10	5	21	19	15	19	11	- 1	- 4	3	9	18	7	11	25	27	22
CARRINGTON	MAX	10	10	6	4	9	13	21	33	35	35	29	28	31	30	30	30	26	31	28	28	28	32	21	22	31	22	28	30	33	38	39
	MIN	- 5	-24	-20	-16	-14	- 7	13	20	14	15	20	20	12	9	11	7	8	20	23	20	14	4	- 2	0	1	11	13	18	26	22	26
CARSON 2 S W	MAX	15	5	7	7	15	22	28	26	30	25	30	28	26	31	32	26	33	28	28	25	23	16	20	24	34	28	39	38	37	48	42
	MIN	0	-18	-13	-15	-15	5	16	16	15	8	12	10	11	10	17	10	25	12	14	15	15	- 2	-10	0	8	14	7	18	25	25	22
CENTER	MAX	12	2	3	5	11	23	28	25	35	25	24	28	28	31	30	28	36	32	31	28	25	15	17	29	31	25	39	35	38	46	46
	MIN	- 2	-24	-19	-30	-10	2	20	17	8	7	13	18	12	4	0	8	22	12	13	21	4	- 2	- 5	-12	10	2	3	10	25	25	26
COOPERSTOWN	MAX	10	6	6	11	15	22	26	30	34	30	30	32	31	33	32	31	30	33	33	32	30	21	29	39	31	32	34	34	38	41	50
	MIN	-14	-19	- 5	-24	- 7	12	18	21	17	13	19	19	17	12	15	10	21	25	25	23	8	8	5	3	15	25	16	27	26	32	27
CROSBY	MAX	5	0	1	7	16	24	28	27	27	29	23	25	24	31	27	24	26	30	29	29	23	13	17	31	31	28	39	41	42	44	43
	MIN	- 5	-25	-15	-21	3	1	7	20	12	9	7	18	6	14	2	12	19	14	18	19	3	- 5	-16	8	11	13	15	19	31	30	28
DEVILS LAKE W B CITY	MAX	3	5	7	10	14	22	25	30	34	29	30	34	30	32	30	31	32	30	30	28	20	20	27	32	29	29	36	35	40	45	54
	MIN	-13	-18	-11	-18	- 8	12	17	20	13	17	19	20	13	12	19	13	22	23	23	15	2	3	1	2	11	19	12	28	27	32	29
DICKINSON CAA	MAX	12	1	7	5	14	25	33	25	32	22	21	25	25	27	25	32	33	30	27	23	18	10	24	25	33	23	37	37	43	45	42
	MIN	-16	-17	-15	-15	- 7	0	16	11	8	12	12	18	13	12	14	10	8	3	11	12	- 2	- 6	-10	12	12	8	20	19	29	26	23
DICKINSON EXP STATION	MAX	22	13	3	8	7	16	24	30	26	35	22	22	25	22	27	25	35	32	31	28	25	19	12	21	27	34	28	41	42	48	45
	MIN	- 5	-16	-17	-15	-11	- 3	11	11	12	10	12	12	14	12	18	12	12	- 1	- 5	11	14	- 1	-12	- 6	15	15	12	18	28	29	24
DRAKE	MAX	10	4	1	8	6	15	21	26	27	33	30	28	33	25	25	30	28	28	32	32	34	23	20	24	30	37	33	39	34	39	44
	MIN	- 6	-21	-10	-19	-15	- 6	15	18	12	19	11	11	- 1	- 1	- 4	3	10	21	19	20	12	0	- 8	- 3	5	20	8	16	22	29	25
DUNN CENTER	MAX	20	17	1	8	8	15	25	31	29	34	24	22	30	24	27	27	32	33	24	26	28	21	17	17	29	37	28	44	40	46	43
	MIN	1	-27	-20	-28	-28	- 5	15	18	15	2	5	15	10	10	13	8	10	- 1	7	10	12	- 4	-18	-10	7	5	7	11	11	27	15
ECKMAN	MAX	2	4	5	3	5	15	22	27	27	32	28	28	32	28	29	32	29	33	30	30	28	20	20	24	31	33	30	38	40	40	5
	MIN	-12	-24	-15	-24	-21	- 3	11	16	10	8	9	19	9	10	3	3	5	21	20	23	11	- 3	- 4	- 1	4	21	11	20	23	28	23
EDGELEY EXP FARM	MAX	14	10	- 1	1	8	20	23	29	29	32	25	27	30	30	30	28	31	33	30	29	29	21	19	20	28	30	30	36	35	35	35
	MIN	-10	-18	-15	-22	-18	- 3		17	16	3	9	7	13	3	1	- 7	7	23	17	15	9	5	2	- 3	8	13	11	12	12	29	26
EDMORE 1 W	MAX	5	3	5	8	11	20	22	27	32	30	30	28	29	29	29	29	29	29	28	28	24	18	25	32	28	28	30	35	38	45	51
	MIN	-15	-22	-10	-23	-13	5	15	18	17	10	18	15	10	8	11	9	20	22	20	15	3	3	0	1	12	18	14	27	25	31	26
ELBOWOODS	MAX	9	7	9	9	11	25	25	30	35	28	26	28	28	30	30	27	33	31	31	28	25	16	18	25	32	28	39	40	43	45	44
	MIN	- 6	-30	-13	-28	- 5	0	5	10	11	- 2	5	20	12	10	10	7	10	16	16	20	0	- 6	-10	5	12	- 4	9	15	30	27	22
ELLENDALE	MAX	19	2	10	8	24	25	29	30	37	33	28	31	31	32	31	29	36	32	38	32	28	19	21	31	32	34	34	33	40	36	45
	MIN	- 1	-15	- 5	-15	- 8	18	20	20	24	10	13	13	15	10	6	0	23	27	21	22	12	8	5	2	15	25	14	25	23	31	30
EPPING	MAX	7	5	2	8	12	23	32	32	28	24	23	26	23	27	28	24	27	26	28	28	24	20	15	29	31	30	42	41	48	48	43
	MIN	- 9	-26	-19	-21	0	2	10	19	11	11	12	20	12	10	4	13	20	11	15	20	4	0	-17	10	10	5	15	18	30	29	26
FARGO WB AIRPORT	MAX	8	4	8	6	18	26	29	30	34	30	31	36	31	28	30	30	35	33	32	31	24	24	23	31	32	33	31	35	40	39	44
	MIN	-15	-16	-15	-22	-15	13	21	24	18	9	24	22	17	11	12	4	24	30	28	21	17	14	11	3	9	21	16	24	26	31	29
FESSENDEN	MAX	4	- 5	- 1	- 3	12	23	25	31	33	29	29	32	30	34	33	27	34	34	32	29	26	24	26	27	30	30	37	35	36	42	48
	MIN	-12	-27	-18	-21	-11	4	17	10	8	10	19	21	12	6	3	0	20	20	21	20	11	2	- 5	- 5	7	20	9	18	25	29	25
FORT YATES	MAX					20	26	31	29	36	28	26	29	29	30	29	28	39	34	31	30	27	20	18	26	33	30	42	39	38	39	45
	MIN						15	15	20	22	- 1	9	8	15	12	19	13	24	20	20	22	12	3	- 3	-10	15	19	9	15	27	30	22
FOXHOLM 7 N	MAX	5	7	3	10	14	22	27	31	28	28	26	31	27	29	31	30	33	30	29	27	27	18	22	29	32	31	38	45	49	48	50
	MIN	- 9	-20	- 9	-19	- 4	- 2	14	14	18	12	10	19	9	11	6	6	22	18	21	13	12	- 6	- 6	3	14	15	15	19	29	28	22
FULLERTON	MAX	13	11	8	12	25	26	35	35	33	32	33	33	32	32	30	28	35	31	36	31	30	20	19	31	32	32	34	40	39	40	43
	MIN	- 3	-18	- 6	-17	-10	17	20	20	23	8	20	11	18	6	3	- 1	21	22	23	23	12	8	3	1	13	23	15	25	23	31	29
GACKLE	MAX	10	6		9	17	24	28	29	32	28	27	29	31	34	31	29	34	32	36	29	25	21	20	28	30	30	37	34	38	38	44
	MIN	- 4	-22	-16	-23	- 9	13	19	15	10	0	15	12	11	10	5	0	20	22	21	21	12	1	- 3	- 7	8	8	11	21	24	26	25
GARRISON	MAX	5	2	2	5	12	24	30	27	33	28	25	32	29	30	25	26	35	31	32	30	21	16	20	28	31	27	37	35	39	44	43
	MIN	-16	-23	-15	-21	- 6	11	16	16	10	7	12	16	9	5	- 3	7	20	17	19	17	0	- 3	- 8	- 3	7	8	7	15	27	28	19

See Reference Notes Following Station Index

DAILY TEMPERATURES

e 5 Continued

Station		Day Of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
TON STATE SCHOOL	MAX	10	8	12	10	16	26	27	33	38	36	34	36	35	34	36	34	32	36	35	31	27	24	26	34	37	35	33	33	46	47	57	30.9
	MIN	-11	-15	- 5	-18	-12	8	15	22	21	13	14	20	13	11		10	22	25	26	25	13	6	5	6	20	25	19	24	25	31	25	12.8
D FORKS CAA	MAX	6	5	10	14	20	29	29	31	37	29	33	36	32	34	31	34	31	33	31	30	24	22	25	33	38	35	33	35	46	49	53	29.9
	MIN	-13	-16	-13	-19	-13	11	20	23	24	18	17	24	16	14	19	15	25	27	27	19	12	9	9	8	23	22	19	27	27	32	29	14.3
D FORKS UNIVERSITY	MAX	7	5	10	14	19	28	29	31	35	31	31	36	30	32	34	31	31	35	34	32	25	25	25	31	37	35	32	35	45	46	52	29.8
	MIN	-11	-15	- 2	-18	-10	11	19	23	28	18	20	24	16	15	20	14	24	27	29	25	15	10	8	8	22	28	18	25	25	32	30	15.4
D RAPIDS 1N	MAX	9	4	8	10	18	24	30	30	39	34	31	31	31	38	31	30	32	33	35	32	30	22	24	32	32	33	35	36	39	38	45	28.9
	MIN	-10	-20	-10	-24	-14	16	22	20	21	4	20	15	13	7	0	- 6	22	25	23	23	15	9	4	- 1	10	16	14	26	30	32	30	10.7
VILLE	MAX	6	5	7	11	14	25	27	27	33	33	28	32	28	30	32	30	31	34	32	32	27	19	23	31	35	36	40	38	41	49	52	28.6
	MIN	-12	-27	-12	-22	- 7	- 4	15	18	10	9	8	21	10	10	5	- 1	23	21	17	22	12	- 4	- 5	- 3	10	20	10	17	26	28	25	7.7
ORA	MAX	14	10	10	10	15	24	29	30	29	26	22	25	23	24	25	24	27	28	30	29	23	13	16	26	33	24	39	44	42	41	40	25.6
	MIN	- 5	-27	-24	-21	2	- 2	3	16	11	8	7	17	10	8	1	14	18	9	13	19	1	-10	-14	13	15	11	15	21	22	20	24	6.3
INSON R R STATION	MAX	19	10	3	15	7	17	15	29	32	34	30	30	34	29	28	32	27	32	32	34	36	24	23	22	30	32	35	30	33	37	37	26.7
	MIM	- 7	-10	- 9	-18	-18	-10	- 9	16	23	9	9	16	20	5	6	4	3	25	27	20	18	12	10	2	6	9	17	22	23	28	31	9.0
AH	MAX	- 2	2	5	8	14	23	25	28	33	29	27	30	25	32	29	32	31	32	28	26	25	18	24	32	30	30	33	40	40	49	54	26.8
	MIN	-19	-25	-12	-24	-10	2	16	17	18	9	10	15	6	5	7	6	21	21	23	18	3	2	1	5	12	19	15	27	26	32	27	8.8
BORO	MAX	- 1		5	9	16	22	25	28	35	29	26	29	24	30	31		35	33	27	25	21	17	20	31	30	31	34	35	38	49	53	27.1
	MIN	-16		- 8	-18	-10	- 1	17	7	19	11	13	17	4	2	9		23	20	20	20	5	1	- 1	0	9	19	14	27	27	28	27	9.8
INGER	MAX	13	0	9	6	12	23	25	28	33	21	21	23	23	27	24	29	34	30	25	24	22	15	25	27	33	27	38	38	40	40	40	24.9
	MIN	- 2	-13	- 9	-10	- 7	2	14	15	19	2	15	19	16	16	20	11	24	7	6	18	13	- 2	- 8	13	22	14	10	23	29	23	25	10.5
SBORO	MAX	10	10	9	9	8	25	30	35	37	34	31	35	34	30	31	33	35	34	32	33	25	25	28	31	35	35	33	36	43	45	51	29.7
	MIN	-12	-25	- 3	-15	-16	8	16	21	21	12	22	22	16	9	17	10	18	25	23	22	12	9	12	8	17	24	19	18	26	32	29	12.8
STOWN CAA	MAX	5	1	7	8	15	20	26	26	33	29	27	31	31	36	33	26	31	31	36	29	24	20	23	33	29	31	37	33	35	38	44	26.7
	MIN	-18	-24	- 9	-19	-11	14	20	20	15	7	21	16	14	9	9	0	21	25	23	22	13	6	2	0	11	21	14	26	26	31	26	10.7
STOWN STATE HOSP	MAX	6	0	6	7	14	23	27	26	34	26	29	32	30	30	29	26	32	30	32	30	27	20	22	30	30	30	38	36	37	38	45	26.5
	MIN	- 4	-20	- 5	-18	- 8	13	20	20	18	8	21	11	16	14	10	5	21	26	24	22	15	7	3	2	12	23	15	29	27	31	27	12.4
ARE	MAX	12	4	7	2	8	16	23	26	27	30	27	25	27	25	30	30	27	30	27	30	30	20	15	23	31	31	26	38	40	45	47	25.1
	MIN	- 8	-22	-12	-19	-16	0	10	16	13	10	10	16	9	9	1	4	20	17	16	19	11	-11	-10	0	8	12	11	23	27	27	27	7.0
AL WILDLIFE REFUGE	MAX	9	3	6	12	15	22	27	28	35	29	29	32	29	37	36	29	32	28	33	29	27	20	24	33	30	33	41	34	39	39	48	28.0
	MIN	-15	-26	- 9	-23	-14	7	18	20	13	8	14	18	15	4	5	2	20	24	22	21	11	3	0	- 2	14	19	12	27	25	24	22	9.0
OOM EXP FARM	MAX	6	8	7	10	12	22	24	29	33	32	29	32	29	34	35	33	30	34	31	33	29	27	32	34	32	34	29	35	37	47	50	28.7
	MIN	-20	-26	-11	-24	- 9	3	16	18	19	7	6	15	5	4	12	7	21	22	21	20	2	2	- 2	0	13	17	15	27	25	35	27	8.6
MORE	MAX	7	8	13	14	16	24	27	31	37	32	30	35	31	32	33	32	31	35	32	33	26	22	26	33	34	34	35	32	40	46	55	29.5
	MIN	- 9	-15	- 5	-15	- 9	12	18	24	25	17	20	21	16	11	17	12	23	22	27	25	16	9	10	7	18	26	19	26	28	33	30	14.8
S	MAX	6	8	8	11	17	24	27	28	35	31	31	34	32	36	35	33	36	33	32	31	25	22	27	32	30	34	39	36	42	47	55	29.6
	MIN	- 9	-22	- 8	-18	- 9	3	17	16	12	12	13	21	11	11	13	8	21	22	24	22	0	- 2	- 3	1	9	20	10	24	27	32	26	9.8
ON	MAX	20	6	8	8	20	25	32	32	37	30	27	29	30	30	32	27	37	33	30	30	28	18	18	28	35	30	40	34	37	39	43	28.2
	MIN	6	-15	-14	-23	- 3	17	20	20	20	1	10	20	15	9	20	8	25	23	21	23	15	5	- 2	- 6	15	20	12	17	28	30	25	11.7
ON	MAX	22	14	6	10	18	20	23	30	32	37	31	31	34	30	30	34	31	33	34	36	34	30	29	29	33	32	37	32	33	40	42	29.3
	MIN	-13	-14	- 6	-20	-15	0	- 6		24	2	6	14	7	11	5	- 3	18	28	27	24	13	12	9	4	12	17	17	20	27	25	29	9.1
CK AGR SCHOOL	MAX	5	4	3	12	11	21	25	33	36	30	30	33	30	32	32	30	35	34	35	32	27	20	23	27	32	31	36	35	36	45	48	27.8
	MIN	-15	-26	- 9	-23	- 9	5	17	20	12	14	15	21	12	10	9	5	12	21	22	20	0	- 4	- 5	- 4	5	10	10	22	27	31	25	8.1
N EXP STATION	MAX	17	13	0	4	4	20	22	28	28	34	24	23	28	24	31	24	34	36	32	30	27	22	14	18	24	31	25	37	34	39	38	24.7
	MIN	4	-20	-13	-23	-16	- 2	19	20	17	6	13	20	15	9	7	12	15	19	20	21	10	1	- 1	- 4	4	15	10	15	19	27	18	8.3
N FT LINCOLN PARK	MAX	17	7	8		17	25	31	27	34	28	25	32	29	32	27	27	39	35	35	33	27	18	21	27	35	31	43	39	44	41	47	29.4
	MIN	4	-18	-24		- 6	10	21	19	18	9	13	20	14	14	9	14	27	19	21	22	9	- 1	- 3	- 4	14	16	11	15	28	28	19	11.3
RTH	MAX	15	11	11	15	25	26	23	29	27	25	22	25	28	35	21	31	34	39	33	29	24	21	30	33	36	31	43	45	50	45		28.7
	MIN	- 9	-10	-10	-10	- 2	2	18	5	21	3	20	20	18	15	17	16	24	2	12	17	15	- 4	-11	22	26	14	16	20	28	23		10.6
	MAX	13	12	8	2	4	18	22	25	31	32	23	28	32	33	22	28	32	34	31	31	32	20	22	22	28	35	34	38	35	46	45	26.4
	MIN	- 7	-26	-25	-22	-24			16	10	10	21	9	12	2	4	10	12	17	17	20	8	- 2	- 6	- 4	5	8	8	18	18	22	23	5.3
LLE	MAX	10	3	10	10	19	26	30	33	31	32	30	34	31	33	30	32	33	34	32	32	28	21	26	30	36	34	33	35	42	44	49	29.1
	MIN	-12	-13	- 3	-19	-11	12	19	21	25	17	24	24	19	12	19	12	23	28	28	25	13	11	10	15	22	29	21	22	27	32	36	15.7
USKY	MAX	7	0	4	7	12	23	27	24	31	26	26	30	27	30	28	25	38	30	32	29	26	16	20	27	33	28	35	37	38	36	43	25.6
	MIN	- 8	-25	-12	-21	- 9	0	18	17	10	8	12	21	11	14	0	5	22	19	21	20	11	0	- 3	- 4	6	8	6	16	18	28	21	7.4
NRY 5 N	MAX	3	1	3	8	11	20	24	30	33	30	28	31	28	33	31	29	29	30	30	29	25	19	25	30	30	31	34	32	36	39	48	26.1
	MIN	-16	-22	- 9	-21	-13	9	17	20	12	10	20	20	14	6	13	8	19	22	22	20	4	2	0	- 1	6	22	8	25	25	30	22	9.5
OD 3 E	MAX	10	9	12	9	15	21	29	29	35	37	32	33	31	30	37	25	31	35	40	33	32	25	30	37	33	40	31	36	37	39	46	29.6
	MIN	-12	-12	- 4	-21	-15	14	20	21	23	10	18	12	18	3	5	- 6	18	28	28	24	11	6	10	- 1	6	15	11	24	23	29	30	10.8
A 4 NNE	MAX	22		15	13	24	28	32	33	37	32	23	27	27	30	29	29	33	39	35	28	26	18	24	29	38	33	43	48	50	49	47	31.4
	MIN	-16	-20	-18	-16	- 4	4	19	13	17	6	16	21	18	13	20	15	26	3	12	18	16	0	-17	18	20	15	15	15	27	20	24	9.7
CAA	MAX	3	2	3	6	11	20	25	24	30	27	25	29	25	29	29	27	32	28	28	27	20	18	21	30	32	26	38	40	47	48	48	25.7
	MIN	-15	-19	-13	-15	- 4	3	15	18	15	13	13	20	10	14	11	10	23	19	21	20	4	- 4	- 2	6	13	15	17	24	28	30	28	10.3
EXP FARM	MAX	7	3	2	5	12	21	25	24	30	27	25	30	27	30	28	27	33	27	28	28	25	17	24	28	32	29	38	38	43	43	45	25.8
	MIM	- 8	-22	-11	-18	- 7	- 3	15	17	14	9	10	20	10	11	7	8	22	18	19	20	11	- 4	- 4	0	9	17	9	22	28	28	27	8.8
L	MAX	4	3	2	7	10	21	27	24	30	30	25	28	26	27	32	26	32	28	31	30	25	19	24	29	34	28	39	39	49	52	52	26.9
	MIN	-10	-22	-12	-20	- 5	0	8	18	13	8	8	19	7	12	6	7	22	16	21	18	10	- 5	- 7	3	13	17	16	23	28	30	26	8.6
	MAX	17	4	10	9	12	22	30	28	35	27	22	25	27	25	25	29	34	26	25	25	23	15	22	30	36	30	40	41	44	43	44	26.6
	MIN	-10	-14	-14	-23	-12	- 7	16	14	17	0	10	19	15	13	20	9	24	- 2	8	19	14	- 2	-12	3	17	12	7	12	29	20	20	7.2
H 4 SW	MAX	- 1	4	6	10	13	20	22	25	31	28	28	30	28	29	30	31	29	31	29	26	19	18	25	31	28	31	32	37	39	49	54	26.2
	MIN	-15	-21	- 7	-24	- 9	4	16	17	18	10	11	17	7	7	12	9	21	21	23	17	3	2	- 2	2	11	12	14	28	25	31	26	9.2
EOM 1 SE	MAX	16	3	3	7	17	22	28	26	32	25	24	27	29	30	29	25	35	33	35	28	25	18	17	26	29	28	35	33	36	38	39	25.7
	MIN	0	-21	-16	-26	- 9	15	16	17	14	0	10	17	12	8	17	1	22	20	20	20	7	0	- 4	- 8	9	18	9	19	25	29	21	8.5
NGLAND	MAX	15	5	9	7	14	25	32	36	35	29	20	24	24	29	26	28	34	30	29	24	22	16	24	28	35	29	40	39	44	46	44	27.2
	MIN	- 8	-13	-10	-13	-10	-15	16	13	16	3	12	19	16	13	20	10	23	4	7	18	16	- 2	- 8	13	22	13	9	18	28	23	24	8.9
ALEM 1 S	MAX	14	8	5	5	10	21	27	27	33	24	22	27	25	25	24	25	35	30	30	27	25	12	12	27	33	25	39	34	37	42	42	24.9
	MIN	-10	-20	-14	-19	-11	5	18	19	14	9	10	18	18	6	8	12	20	15	17	15	10	- 1	- 3	1	11	10	8	20	26	26	20	8.3
	MAX	16	13	5	9	8	20	25	32	32	36	28	29	32	32	34	31	34	38	33	36	31	24	21	23	32	34	32	34	34	38	38	27.9
	MIN	- 5	-16	-11	-16	-15	2	18	20	22	5	8	16	16	11	5	- 7	12	28	24	24	13	9	5	3	5	17	16	19	22	30	31	10.0

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PARK RIVER	MAX	9	5	9	14	15	25	25	31	32	32	31	37	35	34	32	33	31	33	32	30	25	20	25	33	32	34	33	34	43	48	50	29
	MIN	- 8	-12	- 4	-14	- 9	9	17	23	22	12	17	20	14	12	18	11	23	27	26	25	11	8	9	8	19	25	19	27	28	33	29	14
PARSHALL	MAX	7	3	4	5	10	22	27	26	53	26	23	28	26	28	30	24	32	26	28	28	25	14	20	52	33	29	42	57	43	44	45	25
	MIN	- 6	-31	-21	-27	- 4	- 2	9	19	10	4	6	20	9	10	- 3	5	22	13	16	20	2	- 5	-14	- 3	4	6	10	16	28	30	20	9
PEMBINA 2N	MAX	8	7	8	10	19	27	29	30	35	35	34	38	38	35	35	34	34	35	35	31	29	22	24	31	38	38	57	37	43	50	57	51
	MIN	-14	-15	- 6	-20	-10	7	18	19	20	10	7	18	11	8	17	5	24	26	26	27	14	7	5	3	14	24	22	28	26	34	27	12
PETERSBURG	MAX	13	0	10	14	14	21	24	31	55	51	50	34	29	32	32	30	29	33	31	27	25	20	28	35	32	32	32	32	38	44	54	28
	MIN	-11	-18	- 7	-20	- 8	10	15	21	12	12	15	15	13	11	11	18	21	24	24	21	4	4	4	2	14	21	14	25	25	32	27	11
PETTIBONE	MAX	6	- 3	3	4	11	21	28	25	34	31	27	29	27	31	30	23	33	34	35	29	25	18	18	26	30	29	36	34	37	58	48	29
	MIN	-10	-25	-10	-25	-10	8	18	18	10	1	15	15	13	11	3	- 2	23	20	21	20	10	0	- 1	- 7	8	21	10	16	25	30	21	8
PORTAL	MAX	10	1	5	0	8	17	22	21	27	28	28	24	25	23	28	28	20	27	27	29	30	20	15	19	29	31	27	37	40	47	50	24
	MIN	- 5	-20	-18	-20	-15	- 1	11	17	13	5	7	18	6	7	5	5	10	12	18	19	6	-11	-11	- 8	10	10	17	25	31	31	28	6
POWERS LAKE 1N	MAX	6	5	- 4	4	12	11	24	29	27	22	24	24	23	27	27	23	29	24	20	33	22	9	17	52	31	22	37	36	41	43	38	23
	MIN	-18	-30	-18	-25	- 2	- 3	- 1	19	10	4	17	10	10	15	- 3	8	20	12	18	18	- 2	-12	-19	0	13	12	12	15	25	25	23	4
RICHAROTON ABBEY	MAX	15	4	0	5	14	26	26	24	33	30	21	25	25	29	27	20	32	25	20	25	22	16	20	29	35	31	42	38	44	46	46	26
	MIN	- 4	-15	- 7	-14	- 7	3	16	14	17	14	13	19	12	10	20	9	23	9	12	19	14	0	- 7	3	15	13	9	17	29	29	26	10
RIVERDALE	MAX	9	2	1	3	10	21	24	25	32	26	24	28	26	27	27	26	33	26	27	28	24	15	19	26	30	27	36	35	39	45	44	24
	MIN	- 7	-23	-11	-21	-20	1	18	17	14	7	12	12	13	8	0	7	22	16	19	20	4	- 3	- 7	- 2	10	9	9	16	16	25	20	6
ROLLA	MAX	- 2	3	7	8	18	21	24	27	31	50	25	28	24	28	28	31	35	33	28	28	19	17	22	30	32	35	35	54	36	47	51	28
	MIN	-15	-21	- 8	-18	-10	0	16	15	17	10	10	15	4	4	14	7	22	19	18	18	5	- 3	0	2	8	19	12	25	26	30	25	8
RUGBY	MAX	8	3	7	8	14	24	27	27	35	30	29	33	30	31	30	31	36	32	32	33	28	22	25	26	32	52	57	57	58	44	52	29
	MIN	-10	-22	-10	-22	- 6	4	17	18	10	12	16	20	9	10	5	0	22	17	19	22	8	0	- 5	- 2	7	18	8	20	27	32	25	6
SAN HAVEN	MAX	2	4	9	7	14	21	28	26	32	32	26	29	20	52	32	29	56	32	34	32	24	20	29	28	33	33	39	57	37	46	51	27
	MIN	-12	-18	- 9	-15	- 6	5	16	16	18	11	17	18	8	14	17	13	21	20	16	20	3	- 2	2	3	10	15	10	25	25	30	25	18
SANISH	MAX	19	6	= 3	3	7	17	22	29	27	32	29	24	29	22	20	22	29	32	20	28	28	22	12	12	29	33	26	41	36	42	49	29
	MIN	- 5	-31	-30	-25	-23	- 5	14	17	12	5	7	18	10	9	0	5	15	16	11	11	3	- 8	-17	-16	7	0	7	11	17	30	19	3
SHARON	MAX	8	5	10	15	14	22	25	31	33	32	30	34	30	35	32	30	29	35	34	35	27	21	30	35	32	55	51	32	37	43	53	28
	MIN	- 9	-13	- 5	-17	- 8	10	17	21	19	15	19	22	16	13	17	13	20	25	25	22	6	9	6	4	16	25	11	25	26	52	28	11
STANLEY	MAX	0	3	0	3	8	19	25	25	28	24	22	28	22	28	28	23	29	25	27	27	18	12	21	28	30	28	36	37	42	46	40	28
	MIN	-16	-26	-15	-23	- 5	- 5	12	15	11	8	12	17	8	8	- 5	- 5	5	12	17	17	3	- 8	-13	0	9	12	13	13	28	26	29	
STEELE	MAX	12	- 1	5	10	17	24	30	34	35	31	27	32	28	30	29	27	41	33	35	32	28	18	19	29	33	30	38	35	58	39	44	28
	MIN	- 7	-23	-10	-23	-14	7	20	11	12	- 2	13	18	12	7	16	1	12	20	21	20	9	4	- 2	- 6	10	20	9	22	25	29	19	
TOWNER	MAX	18	2	11	2	12	25	30	26	35	30	31	34	31	28	31	33	37	35	31	33	24	28	23	28	30	33	34	37	35	40	47	28
	MIN	-15	-28	- 0	-25	-22	- 3	15	10	12	12	9	18	17	15	- 2	- 2	22	18	21	14	8	10	- 4	8	10	18	8	17	22	25	20	
TURTLE LAKE	MAX	0		0	5	10	21	25	25	33	33	28	29	26	28			56	32	31	28	25	15			31	27						
	MIN	-11	-27		-28	-10	- 2	17	17	9	12	13	20	11	8			22	18	18	19	5	- 6			3	8						
UPHAM 3N	MAX	12	4	12	7	15	27	32	25	38	31	29	34	33	33	32	30	38	37	34	37	31	25	32	29	38	36	43	41	42	49	54	34
	MIN	-11	-25	-13	-25	- 0	0	14	7	13	8	9	19	1	7	7	0	23	18	15	22	5	- 3	- 4	0	11	20	10	17	26	30	22	
VALLEY CITY	MAX	10	5	12	13	15	21	29	50	35	34	30	33	33	34	33	32	31	33	34	33	32	20	25	55	54	34	35	34	59	41	51	28
	MIN	-11	-14	- 5	-20	-10	12	20	22	21	11	23	18	20	13	12	7	21	28	27	24	10	9	5	6	19	24	19	28	26	53	51	1
VAN HOOK	MAX	9	- 1	3	0	10	24	20	28	32	28	23	28	26	29	30	25	32	26	27	28	25	15	18	27	34	29	41	36	45	45	44	28
	MIN	- 3	-28	-19	-23	- 5	- 1	11	20	15	1	8	21	10	9	0		24	15	15	21	3	- 5	-14	0	11	8	10	15	30	50	20	
VELVA	MAX	5	2	5	9	15	23	26	25	34	31	28	32	27	32	31	30	36	30	31	30	26	19	22	29	34	30	58	39	40	48	51	28
	MIN	-10	-25	- 7	-20	- 8	1	18	16	15	13	10	21	10	9	3	5	23	21	20	22	13	- 1	- 2	- 3	11	20	10	18	28	28	23	
WAHPETON STATE SCHOOL	MAX	12	11	10	9	18	27	29	31	35	33	32	35	32	30	30	28	33	33	32	35	31	24	22	28	31	35	33	55	41	59	41	28
	MIN	-14	-12	- 5	-22	-11	11	21	24	27	6	23	21	18	5	5	0	18	29	29	23	18	15	11	- 1	2	16	13	26	20	30	30	28
WASHBURN	MAX	17	1	2	5	15	23	28	28	34	26	25	31	29	50	27	27	37	32	31	29	27	17	18	26	31	50	57	52	38	41	44	28
	MIN	- 3	-24	-11	-24	- 4	5	19	17		6	11	20	13	10	4	8	24	18	20	21	5	- 3	0	- 0	10	10	9		32	28	19	
WATFORD CITY	MAX	17	8	7	13	20	28	30	32	31	27	24	29	29	34	31	28	29	52	33	27	25	15	26	28	33	30	40	48	48	47	45	28
	MIN	- 4	-27	-15	-19	- 3	0	14	17	14	- 3	14	19	11	12	14	14	21	1	16	18	5	- 5	-13	12	13	7	13	19	32	30	25	
WESTHOPE	MAX	15	5	7	5	15	23	28	25	33	30	28	32	30	30	35	28	30	31	30	28	19	19	26	30	34	50	40	58	43	52	54	28
	MIN	- 9	-23	-12	-23	- 5	2	12	18	10	5	12	18	5	14	10	12	19	17	21	14	5	- 3	- 4	3	14	17	14	22	27	29	27	
WILLISTON W8 CITY	MAX	10	5	2	12	18	25	28	30	29	23	23	28	25	28	27	29	29	32	32	27	19	12	20	25	32	22	41	48	49	48	44	28
	MIN	-19	-26	-18	-23	5	2	15	18	12	5	15	20	17	14	6	19	13	10	21	17	5	- 3	-11	15	15	15	22	24	33	32	29	
WILLOW CITY	MAX	3	4	8	9	13	22	26	27	33	32	27	30	27	31	31	30	37	33	32	35	25	24	21	29	35	36	43	36	58	46	50	28
	MIN	-16	-27	-10	-28	-10	- 2	13	10	12	8	15	18	7	7	6	6	22	17	22	19	4	1	- 4	- 4	10	19	10	20	27	30	25	
WILTON RR STATION	MAX	11	14	- 2	2	3	17	21	25	26	34	24	25	28	23	28	28	30	35	27	29	28	21	13	15	25	30	26	37	31	38	40	28
	MIN	- 3	-22	-19	-21	-19	- 7	15	17	13	7	11	17	11	10	3	8	10	18	18	19	6	- 3	- 7	- 5	7	11	8	13	19	23	19	
WISHEK	MAX	17			5	9	19	23	31		33	24	25	27	28	32		32	36	27	55	28	18		18	23	30	28	34	34		42	
	MIN	- 2		-22	-28	-21	- 5	14	16		0	5	15	11	2	1			18	18	18	5	0		-10	- 3	8	6	16	11		24	

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ont 7 SW	SNOWFALL	T					0.6		0.3			0.6						-			4.0	T			T	0.3						
	SN ON GND	7	7	7	7	7	8	8	8	8	8	9	9	9	9	8	8	8	8	8	12	12	12	12	12	12	12	10	8	8	4	2
nia	SNOWFALL	2.0						1.0										1.0									T	T				
	SN ON GND	10	10	10	10	10	9	10	8	6	4	4	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	1	T	T	T	T
don	SNOWFALL			T			0.4	0.4				1.2	3.5	T		T	1.0	0.5			1.7	1.7	T		0.5	T	T					
	SN ON GND	16	16	16	16	16	16	16	18	18	16	17	20	20	20	20	21	21	21	19	21	23	23	23	23	23	23	22	19	15	10	8
ley	SNOWFALL						0.5						0.2					2.0			1.5		0.2			0.1					
	SN ON GND	13	13	13	13	13	14	12	10	9	9	9	9	9	7	7	7	9	9	9	11	10	10	10	10	10	9	9	7	5	4	3
ch	SNOWFALL	T		0.1								0.2	2.0	1.0	T						1.0	0.2	0.1		1.0	0.2		T			T	
	SN ON GND	12	12	12	12	12	12	12	12	9	9	9	11	12	12	11	11	10	10	10	9	9	9	9	10	10	7	6	5	3	2	1
court Indian Res.	SNOWFALL	0.1		0.2				T	0.2									2.0			T	T	0.2				T	T				
	SN ON GND	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	9	9	9	9	9	9	9	9	9	9	8	7	5	4	1
field	SNOWFALL			0.4		T						4.8	0.9	0.2		1.0					1.8											
	SN ON GND	8	-	-	-	-	-	-	-	-	-	12	-	-	-	13	-	-	-	-	14	-	-	-	-	-	-	-	-	10	9	8
lab	SNOWFALL	0.1										0.5	0.4		0.5			T			3.0				T							
	SN ON GND	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	3	3	3	2	2	2	1	1		
bee	SNOWFALL	T		T				T					T					2.5			T	T	T				T				
	SN ON GND	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	5	5	5	5	5	5	5	5	5	4	3	2	1		
marck WB City	SNOWFALL	0.1	T	0.2			0.1	1.0	T	T			1.0					0.2	T	T	2.0	T	T	T		0.1	0.1	T				
	SN ON GND	12	12	12	12	12	12	13	12	11	10	10	11	11	11	10	8	8	8	8	10	9	9	9	9	9	9	8	7	7	5	4
marck WB Airport	SNOWFALL	T	T	0.1	T	T	1.2	T	0.1			1.3	0.2		T		0.2	T	T	0.2	2.2	T	T		0.2	0.4	T				T	
	SN ON GND	12	12	12	12	12	13	13	12	10	10	11	12	11	11	11	11	9	8	8	10	10	10	9	9	8	8	7	6	5	4	3
tineau	SNOWFALL	T	0.2	0.2			T	0.1	T	T			0.1	T				0.4	0.3		0.1		T			T		T			
	SN ON GND	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	1	1	
bells	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	3	3	3	3	3	3	3	2	2	2	2	2	2	5	5	4	3	3	3	3	3	3	3	3	2	7	2	1	1	1	
son 2 SW	SNOWFALL						0.6	.				1.5									5.0	T				T						
	SN ON GND	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	16	16	16	16	16	16	16	14	12	10	8	5
ter	SNOWFALL	T		T			T					1.0					T	1.0			2.0		T		T							
	SN ON GND	11	11	11	11	11	11	11	11	10	10	11	11	11	11	10	10	10	10	10	12	12	12	12	12	12	12	11	10	8	5	-
sby	SNOWFALL	0.2		0.2								T	1.0	T							1.0	T			T							T
	SN ON GND	5	5	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	4	3	4	4	4	4	3	2	2	1	T	T	T	T
ils Lake WB City	SNOWFALL	0.7		0.5	T	T	T	0.4	0.2	T	T	T	0.2		T		T	6.5	T		0.5	0.2	0.3			T	0.5	0.4				
	SN ON GND	4	4	4	4	4	4	4	4	4	3	3	2	2	1	1	1	5	5	4	4	5	5	4	3	2	3	2	1	1	T	T
tinson CAA AP	SNOWFALL	T	0.1	T		T	0.1	T	T			4.7	0.9	0.2	0.1	T	0.1	T		2.8	0.3	0.2	0.1	T	0.4	T	T					T
	SN ON GND	9	9	9	9	9	9	9	9	9	9	13	15	15	15	15	15	15	15	15	18	18	18	18	18	17	17	14	9	5	4	3
tinson Exp. Sta.	SNOWFALL	T	T	T			T	T	T	T		T	2.0		0.1	T	T	1.3			3.0	2.0	T		0.1	T	T					
	SN ON GND	7	7	7	7	7	7	7	7	7	6	6	8	8	8	8	8	8	8	7	10	11	11	11	11	11	10	10	8	7	5	4
n Center	SNOWFALL	T		0.1				T					5.0	T	0.5						3.3	T	0.1		0.6	0.2						
	SN ON GND	12	12	12	12	12	12	12	11	11	11	11	16	16	16	16	16	16	15	15	18	18	18	18	18	18	17	17	16	14	12	11
ore 1 W	SNOWFALL	T		0.6			T	T	0.3	T			T					0.5			T	T	T	T		T						
	SN ON GND	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4	4	3	3	3	3	3	2	2	2	2	1	T		
ndals	SNOWFALL	T		T		T	1.0	T	T			T	T	1.5				1.0	T		2.5	T	0.7	T			T	T				
	SN ON GND	12	12	12	12	12	13	12	12	11	11	10	10	11	10	10	9	10	10	9	11	11	12	11	11	10	10	9	9	7	5	4
go WB Airport	SNOWFALL	3.7	T	T			0.5	0.1	T	T		T	T	T				2.5	T	T	1.0	T	0.7	0.1			0.8	0.5				
	SN ON GND	12	10	10	10	9	9	10	9	9	7	7	7	6	5	5	5	6	6	6	7	7	7	8	8	8	7	7	4	2	2	2
t Yates	SNOWFALL						0.3	T	T			T						-			2.1											
	SN ON GND					13	13	12	12	10	10	10	10	10	10	10	10	9	9	9	10	10	10	9	9	9	9	6	5	5	4	2
olm Wildlife Re	SNOWFALL	T		T			T	T				T	0.3		T						0.3	0.5	T				0.3					
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	T	T	T	T	
erton	SNOWFALL	T	T				T	0.3						0.2				0.2			2.2		3.3									
	SN ON GND	17	17	17	17	17	17	18	18	18	17	16	15	15	14	13	13	10	10	10	8	8	8	8	6	6	5	5	5	4	4	3
rison	SNOWFALL	1.0	T	0.5		T	T	T	T			3.5	0.5				T	1.0	T	T	0.6	T	T		T	T	T					
	SN ON GND	5	5	5	5	5	5	5	4	4	3	6	6	5	4	4	4	5	5	5	6	5	5	5	5	5	4	3	3	3	2	T
fton State School	SNOWFALL	0.9	0.2	0.2				0.8		0.1								2.0			T	0.5	T	T					T			
	SN ON GND	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	-	-	T				
d Forks CAA AP	SNOWFALL	0.4	T	0.4			T	0.9	0.1	T			T					1.6			0.1	T	0.2				0.2	T				
	SN ON GND	6	6	6	6	6	6	6	6	5	5	5	4	4	3	3	3	5	4	4	4	4	4	4	3	2	2	2	1	1	T	T
d Forks Univ.	SNOWFALL	T	0.1	T				0.7	T									2.0	T		T	T	T				T	T				
	SN ON GND	6	6	6	6	6	6	7	6	5	5	5	4	4	4	4	3	5	4	4	4	4	4	4	3	1	1	1	1	1	T	T
wille	SNOWFALL	T		1.0				T	T				T					3.0			T	T										
	SN ON GND	7	7	8	8	8	8	8	8	8	7	7	7	7	7	7	7	10	10	10	10	10	10	10	10	10	10	9	8	7	5	3
boro	SNOWFALL	0.1		0.2			0.3	0.1	T									2.0			0.1	T	T				T	0.1				
	SN ON GND	4	4	4	4	4	4	4	4	3	3	3	3	3	3	2	2	3	2	2	2	2	2	2	2	2	2	2	1	1	1	
inger	SNOWFALL						1.0					3.5	T	0.3			T			0.2	1.8				0.2							
	SN ON GND	9	9	9	9	9	10	10	10	10	10	14	14	14	14	13	13	13	12	12	14	14	14	14	14	13	13	11	9	7	6	4
stown CAA AP	SNOWFALL	1.5	T	T		0.1	1.4	0.6	T	T		T	T				T	4.0	T	T	0.5	0.2	3.5	0.1		T	T	T				
	SN ON GND	9	9	9	9	9	10	11	10	8	7	7	7	7	6	6	6	10	9	8	8	8	11	10	9	8	7	6	4	3	2	1
al Wildlife Re	SNOWFALL	2.0					0.3	T									T	3.0			T		T									
	SN ON GND	8	8	8	8	8	8	8	8	7	7	6	6	5	5	4	4	6	6	5	5	5	5	4	4	3	3	2	2	2	2	1
deer 8 NW	SNOWFALL						T					4.0	3.0	T						T	2.0	T	T		T	T	T					
	SN ON GND	11	11	11	11	11	11	11	11	11	11	15	18	18	18	18	18	18	18	18	20	20	20	20	20	20	20	18	16	14	11	8
an Exp. Sta.	SNOWFALL	T					0.4	T	T			0.3	T		T			0.7			2.0	T	T				T					
	SN ON GND	15	15	15	16	15	15	15	15	14	14	14	14	14	12	12	12	1	10	8	10	10	1	10	9	8	8	7	6	4	3	2
ille	SNOWFALL	0.4						0.5										0.7	T		T	T	T			T	0.3	0.1				
	SN ON GND	8	8	8	8	8	8	8	7	7	7	6	6	6	5	5	5	6	5	5	5	5	5	4	4	4	4	4	3	2	2	
usky	SNOWFALL	1.1		T														4.2								0.5						
	SN ON GND	1	10	10	1	10	9	9	8	8	7	7	7	6	6	5	5	8	8	7	7	7	7	7	6	6	5	4	4	3	3	1

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
McHenry 5 N	SNOWFALL	0.1		0.3			T	0.8	0.1				T					2.0			T	T	0.3				0.1	T				
	SN ON GND	9	9	9	9	9	9	10	10	10	10	10	10	10	9	9	9	11	11	11	11	11	11	11	11	11	10	10	10	8	7	
Medora 4 NNE	SNOWFALL			0.1								4.2	1.0	0.1						1.5	0.2	0.1	0.1		0.8							
	SN ON GND	6	6	6	6	6	6	5	5	5	5	9	10	10	10	9	9	9	8	9	9	9	9	9	9	8	8	6	5	3	1	
Minot CAA AP	SNOWFALL	0.2	0.1	0.2		T	T	T	T		T	0.1	0.3		T		T	0.1			1.0	0.1	0.1			0.2	T				
	SN ON GND	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	1	1	T	
Minot Exp. Farm	SNOWFALL	T		0.5			T	T	T				0.1					0.3		0.1		0.8		T							
	SN ON GND	7	7	8	8	8	8	8	8	8	7	7	7	7	6	6	5	5	5	4	4	5	5	5	5	4	4	3	3	2	1	
Mohall	SNOWFALL	T		0.3			-	T					0.4										T								
	SN ON GND	3	3	3	3	3	3	3	3	3	3	3	4	-	-	3	3	3	3	3	3	3	3	-	-	-	-	-	-	-		
Montpelier	SNOWFALL	2.7		T			0.6	1.2					T					2.7	T		3.0	T	1.2				T				
	SN ON GND	11	11	11	11	11	12	13	12	12	12	11	11	10	9	9	9	12	12	11	14	13	14	14	13	12	10	8	7	6	5	
Mott	SNOWFALL						0.8					2.0	0.8	T	T	T	T			T	3.0	T	T			0.9		T		T		
	SN ON GND	11	11	11	11	11	12	12	12	11	11	13	13	13	13	13	13	12	12	12	15	15	15	15	16	15	15	14	12	11	10	
Munich 4 SW	SNOWFALL	0.1		0.5			T	0.3	0.4	T								1.0			T	-	-				T	T			
	SN ON GND	1	1	2	2	2	2	2	3	2	2	1	1	1	1	1	T	1	1												
Napoleon 1 SE	SNOWFALL	0.2					0.3	0.5	T			T	2.0					2.0			3.0	T	2.0			T	T				
	SN ON GND	13	13	13	13	13	13	14	14	13	13	13	15	15	15	14	14	14	14	13	16	16	17	17	17	16	16	15	15	14	13	
Oakes	SNOWFALL	T	0.7	T				1.0	T	T				0.5				1.0	2.5		1.0	0.4	T	0.2			T	T			
	SN ON GND	12	12	12	12	12	12	13	13	13	12	11	11	11	10	9	9	10	13	13	14	14	14	14	14	14	14	10	10	9	9	
Parshall	SNOWFALL	T		T								T	T						T		1.0										
	SN ON GND	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	4	4	3	3	2	1	
Petersburg	SNOWFALL	0.8		0.5			T	0.7	T	0.4								2.0			0.5	T					T	T	0.5		
	SN ON GND	3	3	4	4	4	4	4	4	4	4	3	3	3	2	2	2	4	4	4	4	4	4	4	3	3	3	3	3	2	1	
Pettibone	SNOWFALL	0.8		0.1			0.6	0.8					0.4					3.0			T	T	0.1	0.2			0.1				
	SN ON GND	9	9	9	9	9	9	10	10	9	9	9	9	9	8	8	8	9	9	8	8	8	8	8	8	8	8	7	7	6	5	
Pretty Rock	SNOWFALL	1.0		T	T	T		T	1.0		T	4.0	1.0	T	1.0		3.0	2.0			2.0	1.0	T	T	T	T	T				
	SN ON GND	11	11	11	11	11	10	9	10	9	8	12	13	13	14	12	15	12	12	12	14	15	15	15	15	15	14	13	12	11	10	
Richardton Abbey	SNOWFALL	T	T	0.1			0.1	T	T			1.5	1.2	T	0.3	T	T			T	4.0	T	T		0.6	0.6	T				
	SN ON GND	9	9	9	9	9	9	9	9	8	8	9	10	10	10	10	9	8	8	7	11	11	11	11	11	11	11	10	8	6	5	
Riverdale	SNOWFALL						T	T	T		T				T				T			T					T				
	SN ON GND	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	9	9	9	9	9	9	9	8	7	5	2	
Rolla	SNOWFALL	0.3		0.4			T	0.2	T									0.2		T	0.5	T	T					T			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
San Haven	SNOWFALL	T		0.5				0.1	T				0.1					2.0				T						T			
	SN ON GND	6	6	7	7	7	7	7	7	7	7	7	7	7	6	6	6	8	8	7	7	7	7	7	7	7	6	4	3	3	2	
Sharon	SNOWFALL	0.5		T			T	0.5	T				T					3.0			0.5	T	0.3				T	T			
	SN ON GND	11	11	11	11	11	11	11	10	8	6	5	4	4	3	3	3	6	5	4	4	4	4	4	3	3	3	3	2	2	1	
Stanley	SNOWFALL							T	T			2.5	3.0					T		T	2.0	0.3				T					
	SN ON GND	9	9	9	9	9	9	9	8	8	8	11	13	13	12	12	12	12	12	12	14	14	14	14	14	12	12	10	9	7	6	
Upham 3 N	SNOWFALL	T		2.0				0.2					T					0.5			T	T					T				
	SN ON GND	8	8	8	8	8	8	8	-	-	-	-	7	-	-	6	-	6	6	6	6	6	-	-	5	-	4	-	3	2	T	
Valley City	SNOWFALL	3.0	T															1.5			0.5	T	0.3				0.1				
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wahpeton State School	SNOWFALL	0.5	0.5					0.5						1.0				T			2.0		1.0	2.0							
	SN ON GND	24	24	24	24	24	23	23	22	21	20	19	18	19	19	19	19	18	17	17	18	17	18	20	19	18	16	15	11	8	7	
Westhope	SNOWFALL	T		T				T					2.0																		
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Williston W8 City	SNOWFALL	0.6	0.5	0.1			T	T	T	T	T	3.0	0.9	T	0.1	T	T	T	T	0.4	0.1	0.1	0.1	T	0.1	T	T					
	SN ON GND	11	11	12	12	12	11	10	10	10	9	11	13	13	13	13	13	12	12	12	12	11	11	11	11	10	9	7	7	3	1	
Willow City	SNOWFALL	T		T			T	0.5	T	T			0.5					3.0			T						T				
	SN ON GND	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	T	

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage**	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
' S	0022	WALSH	10	48 20	98 06	–		6P	MYRON J. BATA	3
MER	0096	MC KENZIE	13	47 50	103 38	2200		6P	ARTHUR J. BAUMAN	3
7 S W	0136	MORTON	4	46 43	101 39	2300	7P	7P	MORGAN RAMSLAND	2 3 5 7
E	0189	DIVIDE	12	48 58	103 28	2060		6P	JAMES A. OPPEGARD	3
A	0196	CASS	11	47 00	97 13	960	SS	SS	VIRGIL L. GEBEKE	2 3 5 7
H	0209	SLOPE	1	46 30	103 19	2910	8A	8A	VIRGINIA M. ZUNDEL	2 3 5 7
I	0263	BOTTINEAU	12	48 58	101 20	1540		MID	W. H. WEGNER	3
R STATE PARK	0369	GRAND FORKS	10	47 56	97 30	960	6P	6P	ALBERT THOREN	2 3 5
	0382	MC INTOSH	8	46 02	99 22	2025	SS	SS	SOO LINE AGENT	2 3 5 7
LL DAM	0450	BARNES	11	47 02	98 05	1300	8A	8A	F. A. JOHNSON	2 3 5
	0500	PIERCE	11	48 10	100 02	1550		4P	ROYCE E. PAULSON	3
	0516	MC HENRY	12	48 30	100 36	–		6P	TEMPLE K. ROBERTS	3
	0540	GOLDEN VALLEY	7	46 55	104 01	2814	6A	6A	HELEN TOBIAS	2 3 5 7
RT INDIAN RES.	0626	ROLETTE	9	48 50	99 45	1960	7P	7P	TURTLE MT. IND. AG.	2 3 5 7
LD	0639	STARK	4	46 52	103 11	2592	7P	7P	CARL INGERGAARD	2 3 5 7
LD	0729	WARD	12	48 19	101 44	2080		6P	JOSEPH S. COX	3
	0766	MERCER	6	47 16	101 47	1780		4P	KNIFE RIV. COAL CO.	3 7
	0796	TOWNER	2	48 37	99 22	1600	6P	6P	ROBERT J. KRICK	2 3 5 7
CK WB CITY	0814	BURLEIGHT	8	46 48	100 48	1670	9A	9A	U.S. WEATHER BUREAU	2 3 5 7
CK WB AIRPORT	0819	BURLEIGHT	8	46 46	100 45	1650	MID	MID	U.S. WEATHER BUREAU	2 3 5 7
EAU	0941	BOTTINEAU	12	48 50	100 27	1638	8A	8A	N. D. SCH OF FRSTRY	2 3 5 7
LS	0961	BURKE	12	48 48	102 15	1953	8A	8A	FELIX L. ADAMS	2 3 5 7
LS 5 E	0963	WARD	12	48 47	102 08	1925	8A	8A	DEVELOPMENT FARM	2 3 S 6
COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2872	5P	5P	O. B. HOOK	2 3 S
11 SE	0998	BOWMAN	3	46 04	103 19	–		6P	BERNARO L. DOHAGALA	▲ 3
30 NNW	1001	SLOPE	8	46 35	103 31	–		5P	ROBERT L. HANSON	3
	1052	MORTON	1	46 24	100 57	1720		MID	FRANK E. POTTER	3
AN	1124	STUTSMAN	5	47 04	98 49	–		MID	W. H. HENDRICKSON	3
6 N	1216	METTINGER	1	46 36	102 08			6P	JACOB GRNEBELE	3
	1225	MC LEAN	12	47 50	100 40	1880	5P	5P	FRED J. KLOKONOS	2 3 5
GTON	1288	TOWNER	2	48 29	99 12			MID	MARRY E. HARRIS	3
	1360	FOSTER	5	47 27	99 08	1579	7A	7A	SOO LINE AGENT	2 3 S
	1365	GRANT	4	46 25	101 34	2300		MID	VINCENT MUGGLI	3
2 SW	1370	GRANT	4	46 23	101 35	2500	7P	7P	J. W. EVENS	2 3 S 7
ER	1435	PEMBINA	9	48 48	97 37	894	6P	6P	JOHN H. ERICKSON	2 3 5
	1456	OLIVER	8	47 07	101 18	2100	7P	7P	FRED L. HEINZ	2 3 S 7
E	1686	STEELE	10	47 14	97 39	1180		6P	JOHN P. BURCHILL	3
US	1696	BURKE	12	48 54	102 47	1930		6P	J. D. SUNDELL	3
STOWN	1766	GRIGGS	11	47 26	98 07	1428	SP	SP	R. J. LOCKNER	2 3 5
NAY	1816	STUTSMAN	5	47 13	98 34	1523		SP	G. H. HANAWALT	3
LAKE WB CITY	1871	DIVIDE	12	48 54	103 18	1954	6P	6P	VERNON V. NICHOLS	2 3 S 7
SON CAA AP	2158	RAMSEY	2	48 07	98 52	1471	MID	MID	U.S. WEATHER BUREAU	2 3 5 6 7
SON EXP. STATION	2183	STARK	4	46 48	102 48	2587	MID	MID	U.S. CIVIL AERO AOM	2 3 5 7
ROOK	2188	STARK	4	46 53	102 48	2460	7A	7A	DICKINSON EXP. STA.	2 3 S 6
	2242	WARD	2	48 31	101 53	1760		6P	FRED E. FELONER	3
ENTER	2298	MC HENRY	12	47 55	100 22	1634	8A	8A	EO. J. EVANS	2 3 S
	2365	DUNN	6	47 21	102 37	2191	6A	6A	CHARLES C. NEUSTEL	2 3 S 7
	2472	BOTTINEAU	12	48 39	101 03	1500	7A	7A	SOO LINE AGENT	2 3 S
Y EXP. FARM	2482	LA MOURE	5	46 20	98 42	1568	8A	8A	N.D. AGRI. EXP. STA.	2 3 S 6
1 W	2525	RAMSEY	2	48 25	98 29	1524	SP	SP	MIKE OAVIS	2 3 S
ODS	2570	MC LEAN	8	47 35	102 09	2082	6P	6P	H. W. CASE	2 3 S
S S	2592	GRANT	1	46 21	101 49	–		6P	ART A. ESLINGER	3
ALE	2605	DICKEY	5	46 00	98 31	1460	8P	8P	PAUL GRESS	2 3 S 7
	2735	WILLIAMS	8	48 18	103 21	2224	6P	6P	T. BEACHLER	2 3 S
	2767	BENSON	11	48 02	99 46	1650		MID	LYLE O. FERING	3
ELD 8 N	2809	BILLINGS	7	47 19	103 12	2650		6P	MRS. EDITH LARSON	3
WB AIRPORT	2859	CASS	10	46 54	96 48	895	MID	MID	U.S. WEATHER BUREAU	2 3 5 7
DEN	2949	WELLS	5	47 39	99 37	1610	6P	6P	JOHN V. ZUBER	2 3 5
R	3009	MORTON	1	46 27	101 14	1930		8A	GEORGE M. SINCLAIR	3
N	3019	BURKE	12	48 54	102 23	1940		6P	PALMER M. DUNHAM	3
13 NW	3064	OICKEY	5	46 04	98 56	–		6P	THEODORE A WIRCH	3
	3117	SARGENT	10	46 06	97 38	1249	6P	6P	ART WATERMAN	2 3 5
A'ES	3207	SIOUX	8	46 06	100 38	1640	SS	SS	STANO RK INDIAN AGY	2 3 5 7
M 7 N	3217	WARD	12	48 27	101 33	1609	SP	SP	U S WILDLIFE REFUGE	2 3 5 7
G	3277	BILLINGS	4	46 53	103 18	2790		7A	HERMAN J. HAY	3
TON	3287	OICKEY	5	46 10	98 25	1439	6P	6P	F. O. ALIN	2 3 5 7
	3309	LOGAN	5	46 38	99 08	1951	6P	6P	ALVIL HUMMEL	2 3 5
ON	3376	MC LEAN	8	47 38	101 25	1911	MID	MID	ALBERT J. BEIRELE	2 3 5 7
LLIN 13 N	3501	MERCER	6	47 00	101 47	–		6P	CHRIST SCHILLING	3
VALLEY 10 S	3529	MERCER	6	47 10	102 03	–		6P	ROBERT H. BACKFISCH	3
CITY	3583	FOSTER	5	47 33	98 48	–		MID	IOA BONDERUO	3
M STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 5 7
FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	834	MID	MID	U.S. CIVIL AERO ADM	2 3 5 7
FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	MID	7P	UNIVERSITY OF N.D.	2 3 5 7
RAPIDS 1 N	3665	LA MOURE	5	46 29	98 21	1360	6P	6P	ALBERT J. NESS	2 3 5
LLE	3686	MC HENRY	2	48 16	100 51	1504	7P	7P	FRED ROBLE	2 3 5 7
BUTTE	3696	MC KENZIE	7	47 24	103 14	2660		MID	SAM CHARCHENKO	3
BUTTE 10 N	3701	MC KENZIE	7	47 31	103 14	–		6P	EOSEL G. CRIST	3
A	3736	WILLIAMS	8	48 37	103 46	2114	5P	5P	L. O. NIELSON	2 3 5
	3836	BOWMAN	3	46 58	103 08	–		MID	J. E. CRAWFORD	3
AY	3846	DUNN	6	47 21	102 20	2073		6P	JOHN KISSE	3
SON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
RO	3936	CAVALIER	9	48 59	98 41	1570	6P	6P	U.S. CUSTOMS OFFICE	2 3 5 7
3 NE	3963	TOWNER	9	48 57	99 23	1597	7P	7P	CHARLES E. DISHER	2 3 5
	4013	WELLS	11	47 45	99 53	1596		6P	H. J. REYNOLDS	3
6 NE	4073	ADAMS	1	46 01	102 24	2640		MID	BYRON B. BOBB	3
GER	4178	ADAMS	3	46 00	102 38	2680	6P	6P	FREO O. FORTHUN	2 3 5 7
GER 17 N	4186	ADAMS	1	46 15	102 39	–		6P	O. J. GERBRACHT	3
ORO	4203	TRAILL	10	47 24	97 04	901	6P	6P	ALFRED JAHNKE	2 3 5
OWN CAA AP	4413	STUTSHAN	5	46 55	98 41	1497	MID	MID	U.S. CIVIL AERO ADM	2 3 5 7
OWN ST HOSPITAL	4418	STUTSMAN	5	46 53	98 40	1457	7P	7P	N.D. ST. HOSPITAL	2 3 5
E	4571	MC KENZIE	8	48 00	102 55	–		6P	DONALD M. LUND	3
	4646	WARD	12	48 40	102 05	1800	8A	8A	THEO E. ECKBERG	2 3 5
WILOLIFE REFUGE	4656	STUTSHAN	5	47 15	98 52	1440	7P	7P	U.S. WILDLIFE REFUGE	2 3 5 7
ER 8 NW	4726	DUNN	7	47 26	102 53	2240		6P	LEONARD J. DAVIS	3 7
N EXP. FARM	4843	LA MOURE	5	46 18	98 57	1970		6P	JOHN STROEHL	3
RD	4958	CAVALIER	9	48 45	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5
RE	5002	BOTTINEAU	12	48 38	101 22	1600		6P	LOUIS SCHAEFER	3
	5013	GRAND FORKS	10	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
10 E	5078	BENSON	2	48 17	99 26	1515	7P	7P	JOHN FAGER	2 3 5
	5088	STARK	4	46 38	102 21	2580		5P	JOSEPH LINK	3
	5210	EMMONS	8	46 16	100 14	1711	8P	8P	WILLIAM HEYERHAN	2 3 5
ILLE	5220	RANSOM	11	46 26	97 41	1091	7A	7A	ROBERT M. JODSAAS	2 3 5
OD 12 N	5230	BARNES	11	46 39	98 11	–		6P	WILLIAM M. RUGH	3
	5320	BURKE	12	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
CK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	6P	6P	BENSON CY AGR SCHL	2 3 5
EXP. STATION	5479	MORTON	4	46 48	100 54	1750	8A	8A	NO. G.P. FIELD STA.	2 3 5 6 7
FT.LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
KG	5519	DUNN	6	47 14	102 46	–		MID	DONALD JEFFERIES	3
TH	5573	SLOPE	7	46 18	103 55	2714	6P	6P	S. P. GRANE	2 3 5
TH M D U CO.	5575	SLOPE	7	46 18	103 55	2710		MID	E. B. JESTNES	3
	5610	SHERIDAN	11	47 50	100 07	1610		6P	WM PUTZ	3
LE	5638	MC LEAN	8	47 49	101 17	2093	7A	7A	SOO LINE AGENT	2 3 5
SKY	5660	TRAILL	10	47 30	97 19	975	6P	6P	M. A. RAGAZ	2 3 S 7
	5710	SHERIDAN	8	47 29	100 29	1943	6P	6P	ELMER L. SCHIELKE	2 3 5 7
IRY S N	5730	EDOY	11	47 38	98 35	1509	7P	7P	C. E. BLASKY	2 3 5 7
D 3 E	5754	RICHLAND	11	46 24	97 14	1075	7P	7P	J. G. CARLSON	2 3 5
LE	5764	NELSON	10	47 46	98 11	1467		6P	H. H. KNIEFEL	3
1 W	5798	STUTSMAN	8	46 53	99 19	–		6P	RUDOLPH GRAF	3
	5803	BILLINGS	7	46 55	103 31	2270		MID	JAY J. EATON	3
A 4 NNE	5813	BILLINGS	7	46 58	103 30	2250	5P	5P	U.S. FOREST SERVICE	2 3 5 7
A 11 N	5818	BILLINGS	7	47 04	103 32	–		6P	G. E. MESCHKE	3
LLE	5833	FOSTER	5	47 20	99 02	1625		MID	EDGAR S. STEGMEIER	3
CAA AP	5988	WARD	12	48 15	101 17	1724	MID	MID	U.S. CIVIL AERO AOM	2 3 5
EXP FARM	5993	WARD	12	48 10	101 18	1720	6P	6P	N C AGRI EXP STA	2 3 5 7
4 SE	6015	BURLEIGHT	8	46 40	100 14	1760		5P	U S FISH & W L SERV.	3
ELIER	6025	RENVILLE	12	48 46	101 31	1639	9P	9P	IVER JOHNSON	2 3 5 7
	6105	STUTSHAN	5	46 42	98 35	–		6P	ROLF HANSON	3 7
4 SW	6155	METTINGER	1	46 23	102 20	2420	SS	SS	FORREST E. COFFING	2 3 5 7
	6195	CAVALIER	2	48 38	98 53	1598	7P	7P	HAROLD FELDNER	2 3 5 7

Station	Index No.	County	Drainage**	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
NAPOLEON 1 SE	6255	LOGAN	8	46 29	99 45	1955	7P	7P	GLADYS J. PEIERSON	4 3 5 7
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2621	6P	6P	ANTON SELLINGER	2 3 5
NEW ROCKFORD 7 WNW	6355	EDOY	5	47 43	99 16	1550		6P	RICHARO STEINBACH	3
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2163	6P	6P	WILLIAM F. GAEBE	2 3 5
NOONAN	6455	DIVIDE	12	48 53	103 01	1960		6P	GEORGE KOESTER	3
NORTHGATE	6535	BURKE	12	49 00	102 16	1850		MID	U S CUSTOMS STATION	3
NORTONVILLE	6565	LA MOURE	5	46 33	98 44	–		6P	HENRY L. ERICKSON	3
OAKES	6620	DICKEY	5	46 08	98 05	1320	8A	8A	MRS. E.CARRIE MURRAY	2 3 5 7
PARK RIVER	6857	WALSH	10	48 23	97 45	998	5P	5P	MARTIN SEVERSON	2 3 5
PARSHALL	6867	MOUNTRAIL	8	47 57	102 08	1929	6P	6P	C. E. SHUBERT	2 3 5 7
PEMBINA 2 N	6947	PEMBINA	10	49 00	97 14	790	4P	4P	U S CUSTOMS & IMMIG.	2 3 5
PETERSBURG	7027	NELSON	10	48 01	98 00	1524	5P	5P	REV. ODEAN MONSON	2 3 5 7
PETTIBONE	7047	KIDDER	8	47 07	99 31	1860	7P	7P	L. H. DETHLOFF	2 3 5 7
PINGREE	7117	STUTSHAN	5	47 10	98 54	1572		6P	JERRY W. TANGNEY	3
PORTAL	7201	BURKE	12	49 00	102 33	1954	9A	9A	U S CUSTOMS SERVICE	2 3 5
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	7P	7P	HERBERT J. CLARK	2 3 5 7
PRETTY ROCK	7311	GRANT	1	46 11	101 51	–		6P	FREOA LEER	3
REEDER	7450	ADAMS	3	46 06	102 57	2810		6P	HENRY A. DONNER	3
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2860		8A	CHAS. M. METZINGER	3
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2467	5P	5P	ASSUMPTION ABBEY	2 3 5 7
RIVEROALE	7585	MC LEAN	8	47 30	101 21	1910	8P	8P	CORPS OF ENGINEERS	2 3 S 6 7
ROLLA	7664	ROLETTE	9	48 52	99 37	1860	7P	7P	THEO B. FAGERLUND	2 3 S 7
RUGBY	7704	PIERCE	12	48 22	100 00	1560	6P	6P	FRANK HORNSTEIN	2 3 5
RYDER	7749	WARD	8	47 55	101 40	2108		6P	S. C. SCHELLENBAUM	3
SAN HAVEN	7824	ROLLETTE	12	48 50	100 02	2001	6P	6P	N.DAK. STATE HOSP.	2 3 5
SANISH	7834	MOUNTRAIL	8	47 59	102 32	1835	7A	7A	M. J. BUGGE	2 3 5
SCRANTON	7932	BOWMAN	3	46 09	103 09	–		6P	HENRY M. SOEHREN	3
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	2183		7P	L. E. WILSON	3
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	–		7P	G. E. BURY	3
SHARON	7986	STEELE	10	47 36	97 54	1516	8P	8P	HUGH LYON	2 3 5 7
SHERWOOD 3 N	8047	RENVILLE	12	49 00	101 38	1647		6P	U S CUSTOMS SERVICE	3
SHEYENNE	8057	EODY	11	47 50	99 07	1500		MID	PEHR A. PETERSON	3
SHIELO	8065	GRANT	1	46 14	101 07	–		6P	EDWIN O. CARLSON	3
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	7P	7P	LEROY EDWAROS	2 3 5 7
STEELE	8366	KIDDER	8	46 51	99 55	1857	6P	6P	STEELE OZONE PRESS	2 3 5
SYKESTON	8608	WELLS	5	47 28	99 24	1634		4P	EDWARD SONDAG	3
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		6P	GEORGE N. PILGARO	3
TIOGA	8737	WILLIAMS	8	48 24	102 56	2279		6P	L. A. SIMON	3
TOLLEY 4 NE	8764	RENVILLE	12	48 46	101 47	–		6P	CARMIE NELSON	3
TOWNER	8792	MC HENRY	12	48 21	100 24	1482	7P	7P	AUGUST B. RIEDER	2 3 5
TROTTERS 6 WNW	8807	MC KENZIE	13	47 21	104 01	2420		5P	WALTER GRUNEWALO	3
TURTLE LAKE	8840	MC LEAN	8	47 31	100 53	1899	5P	5P	KURT KLUNGTVEOT	2 3 5
TUTTLE	8850	KIDDER	8	47 08	100 00	1880		5P	THEOOORE C. OCHSNER	3
UNDERWOOD 12 W	8877	MC LEAN	8	47 26	101 24	1750	6P	6P	MPS. F. W. HATTOON	2 3 5
UPHAM 3 N	8913	MC HENRY	12	48 37	100 44	1425	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	6P	6P	MISS I.C. ROBERTSON	2 3 5 7
VAN HOOK	8970	MOUNTRAIL	8	47 57	102 21	1864	9P	9P	ERWIN A. VENTSCH	2 3 5
VELVA	8990	MC HENRY	12	48 03	100 55	1511	6P	6P	OSCAR ANDERSON	2 3 5
VERONA	9035	LA MOURE	5	46 22	98 04	–		10A	LOUIS J. FRANOSON	3
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	SP	SP	ST SCH OF SCIENCE	2 3 5 7
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		6P	FELIX A. GASTONQUAY	3
WARWICK	9185	BENSON	11	47 51	98 42	–		6P	H. S. STINSON	3
WASHBURN	9195	MC LEAN	8	47 17	101 02	1731	6P	6P	FREO KRAUSE	2 3 5
WASHBURN WATER WORKS	9205	MC LEAN	8	47 17	101 02	1730		MID	WASHBURN WATER WKS	3
WATAUGA 8 N, S. OAK.	9219	GRANT	1	46 02	101 34	–		6P	JOHN C. SPICER	3
WATFORO CITY	9233	MC KENZIE	8	47 48	103 17	2084	8P	8P	U. C. ZELLER	2 3 5
WATFORO CITY 11 E	9238	MC KENZIE	8	47 47	103 02	–		MID	IDA PETERSON	3
WATFORO CITY 20 SE	9246	MC KENZIE	8	47 35	103 07	–		6P	MRS. AGNES MURRAY	3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 01	1508	6P	6P	REV. R. CAREY	2 3 5 7
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		6P	JONATHAN WINKJER	3
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 35	1877	MID	MID	U S WEATHER BUREAU	2 3 5 7
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1471	8P	8P	O. M. SANDERSON	2 3 5 7
WILTON R R STATION	9455	MC LEAN	8	47 09	100 48	2159	8A	8A	SOO LINE AGENT	2 3 5
WISHEK	9515	MC INTOSH	8	46 16	99 34	2010	8A	8A	H. M. LARSON	2 3 5
WOOOWORTH 5 E	9575	STUTSMAN	5	47 09	99 12	–		6P	JOHN ROHRER	3
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		6P	OLA SEVERTSEN	3

INAGE CODE: 1. CANNONBALL 2. DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED 11. SHEYENNE 12. SOURIS 13. YELLOWSTONE

REFERENCE NOTES

Tbe four digit identification numbers in tbe index number column of tbe Station Index are assigned on a state basis. Tbere will be no duplication of number within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from tbe post office.

Observation times given in tbe Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and beating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwi shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

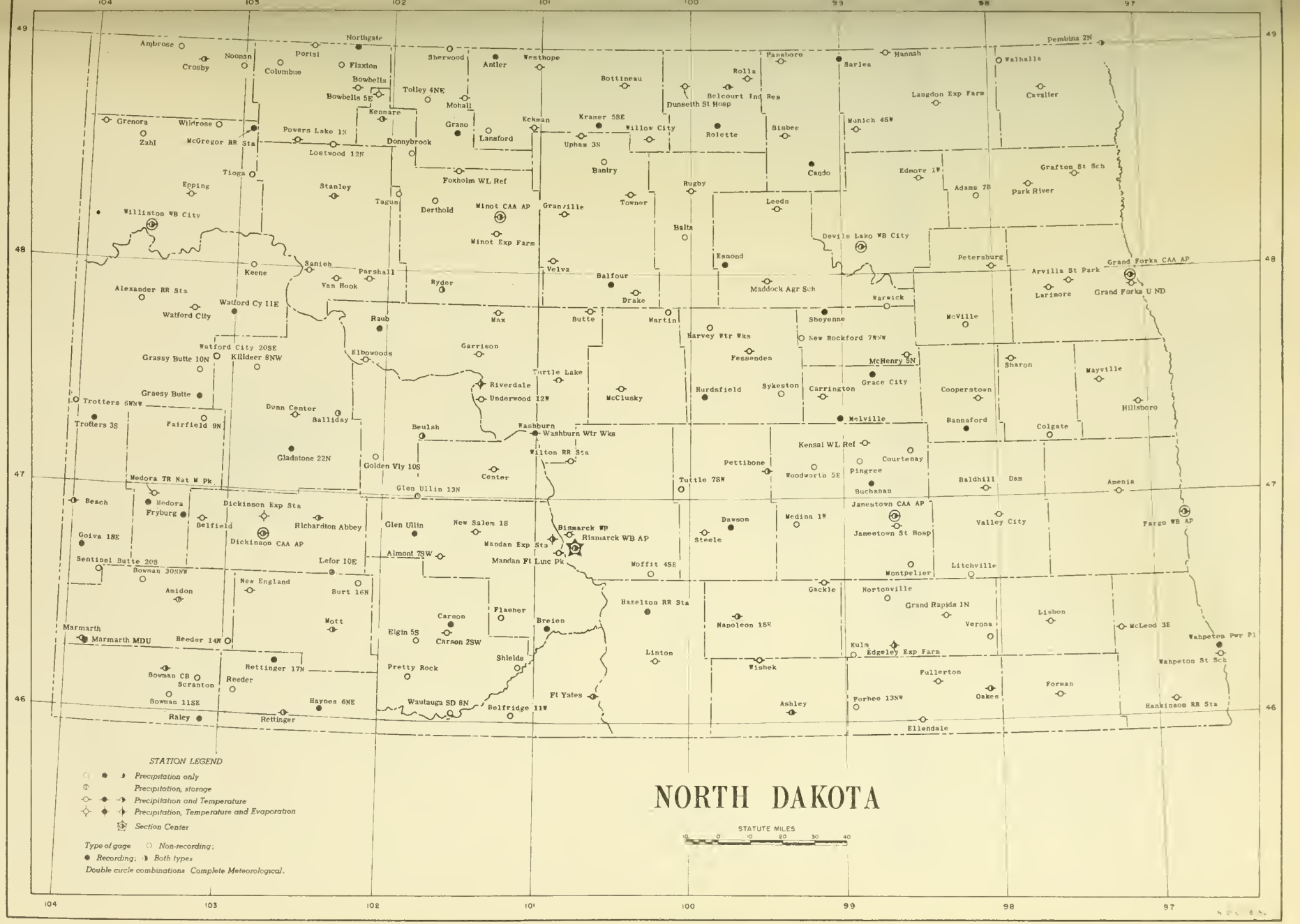
Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 CS

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped witb a windshield.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for tbis station, have been adjusted to represent the value for tbe full montb.
R	Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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W.R.P.C., KANSAS CITY, MO., -- 5-19-52 -- 1


NORTH DAKOTA
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Section Center
Type of gage ○ Non-recording;
● Recording; ◑ Both types
Double circle combinations Complete Meteorological.
STATUTE MILES
Ambrose
Northgate
Crosby
Noonan
Portal
Columbus
Flaxton
Sherwood
Antler
Westhope
Bowbells
Bowbells 5E
Tolley 4NE
Mohall
Kenmare
Bottineau
Rolla
Belcourt Ind Res
Dunseith St Hosp
Mansboro
Hannah
Sarles
Walhalla
Pembina 2N
Langdon Exp Farm
Cavalier
Grenora
Wildrose
Zahl
McGregor RR Sta
Powers Lake 1N
Lostwood 12N
Donnybrook
Grano
Lansford
Eckman
Kramer 5SE
Willow City
Upham 3N
Rolette
Bisbee
Munich 4SW
Tioga
Foxholm WL Ref
Bantry
Cando
Edmore 1W
Grafton St Sch
Adams 7E
Park River
Epping
Stanley
Tagus
Berthold
Minot CAA AP
Granville
Towner
Rugby
Leeds
Williston WB City
Minot Exp Farm
Balta
Devils Lake WB City
Keene
Sanish
Parshall
Van Hook
Velva
Balfour
Esmond
Petersburg
Arvilla St Park
Grand Forks CAA AP
Grand Forks U ND
Larimore
Alexander RR Sta
Watford City
Watford Cy 11E
Ryder
Drake
Maddock Agr Sch
Warwick
Raub
Max
Butte
Martin
Sheyenne
McVille
Harvey Wtr Wks
New Rockford 7WNW
Watford City 20SE
Grassy Butte 10N
Killdeer 8NW
Elbowoods
Garrison
Fessenden
McHenry 5N
Sharon
Wayville
Grace City
Graesy Butte
Trotters 6WNW
Trotters 3S
Fairfield 9N
Riverdale
Underwood 12W
Turtle Lake
McClusky
Hurdsfield
Sykeston
Carrington
Cooperstown
Hillsboro
Dunn Center
Balliday
Beulah
Washburn
Washburn Wtr Wks
Melville
Bannaford
Colgate
Gladstone 22N
Golden Vly 10S
Wilton RR Sta
Kensal WL Ref
Courtenay
Pettibone
Pingree
Woodworth 5E
Buchanan
Baldhill Dam
Medora TR Nat M Pk
Center
Tuttle 7SW
Glen Ullin 13N
Amenia
Beach
Medora
Fryburg
Dickinson Exp Sta
Belfield
Richardton Abbey
Dickinson CAA AP
Glen Ullin
New Salem 1S
Bismarck WP
Bismarck WB AP
Mandan Exp Sta
Dawson
Medina 1W
Steele
Jamestown CAA AP
Jamestown St Hosp
Valley City
Fargo WB AP
Goiva 1SE
Sentinel Butte 2OS
Bowman 30NNW
Almont 7SW
Lefor 10E
Mandan Ft Lnc Pk
Moffit 4SE
Montpelier
Litchville
Amidon
New England
Burt 16N
Gackle
Nortonville
Grand Rapids 1N
Lisbon
Bazelton RR Sta
Napoleon 1SE
Verona
McLeod 3E
Wahpeton Pwr Pl
Wahpeton St Sch
Marmarth
Marmarth MDU
Reeder 14W
Mott
Carson
Flaeher
Breien
Elgin 5S
Carson 2SW
Kulm
Edgeley Exp Farm
Linton
Shields
Wishek
Fullerton
Forman
Hettinger 17N
Bowman CB
Scranton
Bowman 11SE
Reeder
Pretty Rock
Haynes 6NE
Wautauga SD 8N
Ft Yates
Belfridge 11W
Oakes
Forbee 13NW
Ashley
Hankinson RR Sta
Raley
Hettinger
Ellendale

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CLIMATOLOGICAL DATA

NORTH DAKOTA

OCT 31 1952

APRIL 1952
Volume LXI No. 4

NAT. HIST.

KANSAS CITY: 1952

NORTH DAKOTA - APRIL 1952

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

This month goes down in the records as the driest April in the climatological history of the state. It is also marked by a heat wave during the last five days of the month in which the all-time high April temperature record was equalled and which was probably longer than any similar period on record in North Dakota. Near record floods on many streams left severe damage in their wake as they moved through the state; damages that were estimated to run in millions. On the other hand the warm and rainless weather provided a very comfortable condition for carrying on outdoor farm work.

The mean temperature for the state was 48.5 degrees which is 7.2 degrees above normal. The eastern division averaged 47.9 degrees which is 6.7 degrees above normal; the middle division averaged 48.9 degrees which is 7.6 degrees above normal, and the western division averaged 48.6 degrees which is 7.1 degrees above normal. It is the warmest April since 1915 and the fourth warmest on record. The highest temperature recorded was 99 degrees at Pembina on the 27th and the lowest was 8 degrees at Portal on the 9th. The highest mean temperature reported was 52.6 degrees at Lostwood and the lowest was 44.4 degrees at Wishek.

Precipitation averaged only 0.13 inch which is 1.29 inches below normal. This amount is less than one-half of that received in the previous driest April on record which was 0.28 inch in 1926. The eastern division averaged 0.31 inch which is 18% of the normal; the middle division averaged 0.04 inch which is 3% of the normal; and the western division averaged 0.05 inch which is 4% of the normal. The greatest monthly precipitation reported was 1.10 inches at Amenia. Several stations in the west and central divisions reported no rain during the month. Total snowfall for the state averaged 0.2 inch with the greatest amount reported in the western division. Crosby recorded the greatest amount on the 8th with a total of 5 inches. The main precipitation periods were about the 8th and the 20th and 21st. The early period brought some locally heavy snow in the northwest part of the state. The latter period brought moderate rains mostly to the east portion ranging up to 0.92 inch at Amenia on the 20th.

The weather during the month of April was ideal for carrying on outdoor work. Spring seeding had started in some northern parts of the state by the 7th and by the middle of the month had become general. The season ranged from as much as three weeks ahead of normal in some northeastern counties to about 10 days behind in some southeastern counties. Lack of winter snow accounts for the early season in the north while heavy snow in the southern third of the state delayed seeding operations. By the end of the month very rapid progress had been made with practically no delays due to wet weather. Rather early in the month topsoil moisture deficiencies were becoming apparent in the north where there had been very little winter snow. Subsoil moisture was generally abundant in all sections of the state. Pastures were about normal at the end of the month and were furnishing about two-thirds of the feed requirements of livestock. There was still some hay being fed in all sections of the state. The lack of moisture, however, was having its effect on pastures and rain was definitely needed to keep them developing properly. Livestock was in good condition at the end of the month. Warm weather was ideal for calving and lambing.

Disastrous floods occurred during the early part of the month causing several millions of dollars property damage. The outstanding floods were on the Missouri and on the upper reaches of the Red River. The Missouri floods occurred mainly during the first week reaching Bismarck on the 6th. River stages at nearly all points along the stream were extremely high, in some cases the highest on record. At Bismarck it was the highest since 1910 and resulted in the flooding of more than 200 homes in Bismarck, and the highway and railroad between Bismarck and Mandan. While the Missouri produced the most disastrous flood there were numerous smaller but quite severe floods on all the tributaries in southwestern North Dakota. At Marmarth about 75 families were affected, 10 homes received major damage and another 50 suffered minor damage. In the Linton area considerable flooding occurred from Beaver Creek causing minor damage to 15 houses, major damage to 5 farm buildings and destroying 10 other structures. Very little damage occurred along the Heart River. Mandan escaped serious flooding from both the Heart and the Missouri due to its protective dyke system. By the second week in the month the Red River with its tributaries was causing serious floods in southeastern North Dakota. At Fargo-Moorhead a crest of 34.65 feet was reached on the 16th. During the past 60 years, this was exceeded only by the 40.1 foot crest in the flood of 1897. 325 buildings were flooded and many others were affected by seepage. This flood, however, flattened out sharply downstream from Fargo and there was relatively minor flooding throughout the rest of its course in North Dakota to the Canadian Line. There was apparently no loss of life directly caused by floods in the state.--CJ

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p.h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
marck W8 Airport	SSE	18	9.6	38	NW	8	73	83	45	42	2	0	0	0	0	0	2	83	3.4
ills Lake W8 City	-	-	9.0	27	N	8	-	-	-	-	3	2	0	0	0	0	5	84	3.6
go W8 Airport	SSE	16	13.3	39	NW	2	74	81	51	50	4	1	1	0	0	0	6	74	3.7
liston W8 City	-	-	6.6	26	W	1	61	73	39	33	0	2	2	0	0	0	4	92	4.1

COMPARATIVE DATA

le 1

ear	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
2	37.6	75	- 2	2.65	6.3	7
3	34.3	77	- 8	1.70	7.8	6
4	42.8	92	12	3.03	4.4	9
5	49.6	87	10	2.23	0.0	5
6	40.1	92	2	3.80	5.1	9
7	40.8	93	7	1.08	1.1	5
8	41.9	87	- 4	1.38	0.5	5
9	38.0	86	-22	1.36	6.3	6
0	49.3	93	11	0.85	T	3
1	44.5	92	10	0.98	0.3	4
2	40.2	87	- 2	1.06	2.9	3
3	42.5	83	8	1.23	2.7	5
4	37.4	91	2	1.38	8.1	5
5	40.2	83	3	0.51	3.7	3
6	46.7	88	8	1.50	1.3	5
7	31.9	80	- 6	0.52	4.2	4
8	43.9	91	-19	1.52	5.9	5
9	34.2	80	3	0.77	5.1	6
0	48.0	96	4	1.37	2.9	4
1	41.5	90	- 5	1.19	6.3	5
2	44.4	88	2	2.35	1.7	7
3	46.8	94	11	0.64	2.4	4

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1914	40.9	84	2	1.46	2.8	6
1915	50.3	99	5	1.03	T	5
1916	39.2	79	- 6	1.44	2.9	5
1917	37.2	73	5	1.68	5.6	7
1918	41.4	81	0	2.18	3.0	7
1919	42.3	79	6	1.52	6.2	6
1920	32.1	63	-11	0.84	2.1	5
1921	41.1	91	1	1.77	3.8	7
1922	42.3	89	- 2	0.92	2.3	6
1923	38.7	89	-15	1.45	7.2	5
1924	39.3	84	6	2.53	7.5	9
1925	47.8	85	10	1.60	T	6
1926	42.8	98	- 4	0.28	0.9	3
1927	41.4	95	7	1.73	2.3	7
1928	35.9	84	- 6	0.91	5.0	5
1929	41.5	85	- 9	1.31	3.4	6
1930	47.3	86	8	1.25	0.5	6
1931	44.1	87	3	0.43	0.7	2
1932	44.1	79	0	2.14	0.7	8
1933	40.0	84	2	1.33	7.3	5
1934	43.7	95	7	0.44	1.9	3
1935	38.4	83	0	1.93	3.6	8

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1936	35.6	87	-15	0.39	0.5	4
1937	40.7	79	2	2.02	5.8	8
1938	42.8	90	1	1.09	0.1	5
1939	41.6	90	- 1	0.87	0.8	6
1940	37.8	78	- 9	2.22	4.1	8
1941	44.1	82	6	2.30	1.6	13
1942	44.9	90	- 6	1.96	3.3	7
1943	44.9	83	11	1.48	0.1	5
1944	40.8	77	-11	0.80	0.2	4
1945	38.0	80	6	1.10	4.5	6
1946	48.2	87	9	0.67	2.4	4
1947	39.9	90	0	1.48	6.8	8
1948	40.3	85	-13	2.15	5.0	6
1949	47.2	96	5	0.45	T	2
1950	32.6	83	- 9	1.38	9.5	7
1951	38.6	84	5	.81	3.1	6
1952	48.5	99	8	.13	0.2	1

for the period beginning with 1949 to date have been weighted for size of the area in each division and are not comparable with unweighted values published
his table for earlier years.

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature													Precipitation								
										No. of Days								Snow, Sleet, Hail			No. of Da	
										Max.		Min.										
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or More	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More
EASTERN DIVISION																						
AMENIA	61.1	35.7	48.4	6.8	91	27	28	3+	512	3	0	13	0	1.10	- .65	.92	20	T	T	1+	2	1
ARVILLA STATE PARK	64.6	31.9	48.3		97	27	9	10	517	4	0	18	0	.25		.16	20	.0	0		2	0
BALOHILL OAM	62.3	34.0	48.2		94	28	10	10		3	0	15	0	.40		.30	21	.0	0		2	0
CARRINGTON	60.7	33.7	47.2	7.6	92	28+	19	10		3	1	18	0	T	-1.33	T	8+	.0	0		0	0
CAVALIER					97	27				4	0		0									
COOPERSTOWN	62.2	34.2	48.2	7.9	94	27	15	10	526	2	0	18	0	.27	-1.12	.17	20	.0	0		2	0
DEVILS LAKE WB CITY	62.5	34.8	48.7	9.9	93	27	16	10	513	3	0	15	0	.04	-1.48	.02	8+	T	T	1+	2	0
EDGELEY EXP FARM	57.9	33.5	45.7	3.1	89	28+	21	7+		0	0	16	0	.10	-1.65	.07	9	T			2	0
EDMORE 1 W	61.6	31.1	46.4	7.1	94	27	11	10	570	4	2	20	0	.01	-1.25	.01	21	T	0		1	0
ELLENDALE	61.9	34.5	48.2	5.5	90	28	16	10	509	1	0	16	0	.69	-1.17	.38	20	.5	3	1	4	0
ENDERLIN	58.8	34.6	46.7		90	28	17	10		1	0	16	0	.75		.39	21	.1	0		2	0
FARGO WB AIRPORT	59.6	36.4	48.0	7.4	90	27	21	10	525	1	2	14	0	.24	-1.94	.18	8	1.8	2	1	2	0
FULLERTON	61.4	35.2	48.3	5.6	91	28	19	10	514	2	0	15	0	.64	-1.50	.48	20	.5	3	1+	2	0
GACKLE	60.8	34.1	47.5	5.4	93	27	19	6+	544	2	0	16	0	.08	-1.46	.08	20	.0			1	0
GRAFTON STATE SCHOOL	65.1	32.7	48.9	8.3	97	27	11	10	502	4	0	19	0	.21	-1.13	.16	20	T	0		2	0
GRAND FORKS CAA AP	61.8	35.0	48.4	7.1	95	27	17	10	521	3	1	16	0	.20	-1.46	.17	20	T	T	1+	3	0
GRAND FORKS UNIV	61.8	37.3	49.6	8.3	95	27	20	10	493	3	0	12	0	.16	-1.50	.15	20	T	0		2	0
GRAND RAPIDS 1 N	61.9	33.6	47.8		91	27	17	10	528	2	0	18	0	.51		.37	20	T	0		2	0
HANKINSON R R STA	56.6	35.0	45.8M	2.3	89	28	18	10		0	1	15	0	.62	-1.39	.62	21	.0	0		1	1
HANNAH	64.4	31.7	48.1M	10.2	91	27+	13	10	523	2	1	17	0	T	-1.12	T	3+	T	0		0	0
HILLSBORO		32.8			92	27	14	9		3	0		0	.73	-1.15	.65	20		0		2	1
JAMESTOWN CAA AP	61.6	33.8	47.7	6.0	94	27	19	10	533	3	0	18	0	.20	-1.50	.18	20	T	T		2	0
JAMESTOWN STATE HOSP	61.9	35.2	48.6M	6.9	95	27	20	10	520	3	0	17	0	.10	-1.60	.10	20	.0	0		1	0
KENSAL WILDLIFE REF	63.0	31.9	47.5		95	27	12	10	543	3	0	19	0	.03		.03	20	.0	0		1	0
LANGDON EXP FARM	63.9	32.0	48.0	10.4	95	27	12	10	526	3	1	18	0	.10	-1.13	.10	21	T	0		1	0
LARIMORE	62.7	34.9	48.8	8.6	95	27	13	10	506	3	0	16	0	.36	-1.24	.18	20	T	0		3	0
LISBON	60.1	32.6	46.4	4.3	94	30	14	10		3	0	15	0	.40	-1.53	.30	9	.0	0		2	0
MAYVILLE	61.0	36.3	48.7	6.2	91	27	22	10	509	3	1	15	0	.49	-1.06	.47	20	T	1		2	0
MCHENRY 5 N	61.2	32.4	46.8	6.2	93	27	14	10	558	3	0	18	0	.05	-1.32	.05	20	.0	2	1	1	0
MCLEOD 3 E	60.1	35.1	47.6	4.0	92	28	18	10	539	1	0	15	0	.75	-1.24	.28	8		0		3	0
MUNICH 4 SW	63.0	31.4	47.2		92	27	13	10	539	2	0	18	0	.05		.05	21	T	0		1	0
OAKES	58.3	33.7	46.0	3.2	89	29	17	10		0	0	19	0	.79	-1.08	.54	21	3.0	3	9	2	1
PARK RIVER	65.2	35.9	50.6	10.1	95	27	14	10	465	4	0	14	0	.03	-1.29	.03	20	.0	0		1	0
PEMBINA 2 N	66.9	32.8	49.9	11.4	99	27	14	10	471	5	0	16	0	.08	-1.18	.08	20	T	0		1	0
PETERSBURG	63.0	33.2	48.1		94	27	13	10	527	3	1	16	0	.03	-1.36	.03	20	.0	0		1	0
SHARON	61.0	34.8	47.9	8.3	92	27	15	10	537	1	0	18	0	.11	-1.37	.08	8	.0	T	1+	2	0
VALLEY CITY	63.0	34.8	48.9	6.5	94	27	15	10	502	3	0	17	0	.25	-1.48	.21	20	.0	0		2	0
WAHPETON STATE SCHOOL	59.1	36.4	47.8	3.6	89	27	22	10	533	0	1	14	0	.58	-1.50	.40	21		4	1+	3	0
OIVISION			47.9	6.7										.31	-1.40			.2				
MIDDLE DIVISION																						
ASHLEY	59.0	33.2	46.1	3.7	89	28	18	10	576	0	0	18	0	.76	- .85	.74	20	.0	3	1+	2	1
BELCOURT INDIAN RES	62.4	31.9	47.2		89	28	15	9	540	0	0	18	0	T		T	20	.0	1	1	0	0
BISBEE	66.1	33.8	50.0M	9.3	91	28	14	10	462	3	0		0	.10	-1.09	.10	20	.0	0		1	0
BISMARCK WB CITY	62.1	36.1	49.1	6.0	91	28+	20	9		3	0	14	0	T	-1.19	T	21	.0	3	1	0	0
BISMARCK WB AIRPORT	63.6	33.3	48.5	8.1	92	26+	20	10	512	3	0	17	0	T	-1.52	T	8+	.0	3	1+	0	0
BOTTINEAU	61.8	33.5	47.7	8.7	91	29	14	9+		1	0	18	0	T	- .84	T	1+	T	0		0	0
BUTTE	64.4	35.8	50.1	8.8	91	28	18	10	462	1	0	14	0	.12	-1.18	.12	21	.0			1	0
CARSON 2 SW	63.3	32.1	47.7M	5.2	90	26+	14	9	532	3	0	16	0	.00	-1.35	.00		.0	5	1	0	0
CENTER	64.5	31.6	48.1	5.3	90	28	17	9+	525	1	0	20	0	.00	-1.23	.00		.0	5	1+	0	0
DRAKE	62.0	35.0	48.5M	8.1			17	9			0	14	0	.00	-1.17	.00		.0	0		0	0
ECKMAN	65.3	31.5	48.4	8.0	92	27+	15	9+		2	0	20	0	.07	- .84	.04	21	T	0		2	0
FESSENDEN	64.0	34.3	49.2	8.8	92	28	18	9	487	2	0	17	0	.02	-1.30	.02	20	.0	0		1	0
FORT YATES	63.7	33.8	48.8	4.0	92	27	17	10	509	2	0	18	0	T	-1.35	T	8	T			0	0
FOXHOLM 7 N	68.4	34.5	51.5	10.7	93	27+	10	10	431	4	0	13	0	.00	-1.25	.00		.0	T		0	0
GARRISON	63.5	34.6	49.1	7.0	91	28	19	9	493	2	0	16	0	T	-1.16	T	8+	.0	0		0	0
GRANVILLE	67.5	33.0	50.3M	9.5	93	28	17	9+	464	2	0		0	T	- .94	T	1+	T	2	1	0	0
HANSBORO	63.7	32.8	48.3M	9.7	91	27+	15	10	517	4	2	17	0	T	-1.25	T	1+	.0	0		0	0
LEEDS	66.4	35.4	50.9		94	28	16	10	449	4	0	15	0	T		T	3+	T	0		0	0
LINTON	63.6	33.7	48.7	5.9	93	27	17	10	502	3	0	14	0	.12	-1.16	.08	20	.0	9	1	2	0
MADOCK AGR SCHOOL	64.8	32.1	48.5	7.9	94	28	16	9+	508	4	0	18	0	T	-1.12	T	8+	T	0		0	0
MANOAN EXP STATION	61.0	33.3	47.2	4.6	91	29	18	10		2	0	17	0	T	-1.28	T	21	.0	4	1+	0	0
MANOAN FT LINCOLN PARK	65.2	35.2	50.2		93	28	18	9	464	3	0	15	0	..00		.00		.0	2	1	0	0
MAX	63.0	34.3	48.7	8.1	94	26	16	10		2	0	16	0	.18	-1.07	.18	20	.0	4	1+	1	0
MC CLUSKY	64.3	33.7	49.0	7.9	91	28	18	9	500	1	0	16	0	.09	-1.15	.09	3	.5	1	1	1	0
MINOT CAA AP //	64.4	36.9	50.7	9.9	92	28	15	10	451	1	0	11	0	T	-1.22	T	8+	T	T	1+	0	0
MINOT EXP FARM	65.2	35.3	50.3M		91	28	16	9	468	1	0	13	0	.01		.01	20	T	0		1	0
MOHALL	66.7	33.4	50.1	9.7	91	26+	15	9+	459	2	0	16	0	.02	- .94	.02	8	.1	0		1	0
NAPOLEON 1 SE	59.3	32.8	46.1	4.7	91	27	14	10	578	2	0	15	0	.05	-1.46	.05	8	.0	8	1	1	0
NEW SALEM 1 S	63.5	32.8	48.2	5.9	90	26+	17	3+	514	2	0	16	0	T	-1.15	T	20	.0	6	1	0	0
PETTIBONE	61.4	33.3	47.4	6.6	92	27	16	10	545	2	0	17	0	.01	-1.15	.01	1	T	3	1	1	0
RIVERDALE	62.0	34.9	48.5		92	29	19	10		1	0	16	0	T		T	8+	.0	1	1	0	0
ROLLA	62.9	34.6	48.8	9.0	90	28	16	10	496	1	1	17	0	T	-1.21	T	1+	T	0		0	0
RUGBY	66.2	35.4	50.8		92	28	17	10	445	3	0	14	0	.04	- .95	.04	4	T	0		1	0
SAN HAVEN	64.1	35.5	49.8		88	28+	15	9	476	0	1	14	0	.00		.00		.0	0		0	0
STEELE	62.5	32.0	47.3	4.6	93	27	17	10	546	2	0	18	0	.10	-1.08	.10	20	.0	4	1	1	0
TOWNER	67.2	36.8	52.0M	10.2	93	28	20	3	414	2	0	11	0	T	-1.00	T	3	T	0		0	0
TURTLE LAKE	63.3	33.2	48.3	7.0	90	28	17	3+	518	1	0	17	0	.04	-1.01	.04	21	.0			1	0
UPHAM 3 N	69.1	32.4	50.8		95	26	13	9+	444	4	0	19	0	.05		.05	21	.0	0		1	0
VELVA	66.3	36.4	51.4	10.0	92	28	15	10	436	2	0	12	0	.03	-1.06	.03	21	.0	1	1	1	0
WASHBURN	64.8	34.2	49.5M	6.2	90	26+			482	2	0	15	0	T	-1.07	T	8	T	0		0	0

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

BLE 2 - CONTINUED

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
STHOPE	66.3	33.0	49.7	9.8	92	26	15	10	473	2	0	18	0	T	- .87	T	8+	.0	0		0	0	0
LLOW CITY	65.2	31.6	48.4M	8.8	91	26+	15	10	501	2	0	20	0	T	- .96	T	21	.0	T	1+	0	0	0
LTON R R STATION	59.3	32.0	45.7	3.5	89	29	16	10		0	0	17	0	.00	-1.12	.00		.0	3	1	0	0	0
SHEK	57.3	31.5	44.4M	2.9	90	28	16	9		1	1		0	.00	-1.40	T	8+	.0	0		0	0	0
DIVISION			48.9	7.6										.04	-1.29			T					
WESTERN DIVISION																							
MONT 7 SW	63.8	34.5	49.2		91	28	14	9	492	2	0	16	0	.28		.28	20	.0	2	1	1	0	0
IDON	60.6	34.3	47.5	6.1	87	29	16	9		0	0	13	0	.00	-1.32	.00		.0	6	1	0	0	0
ACH	62.9	33.9	48.4	6.2	88	27	16	9		0	0	13	0	.01	-1.17	.01	8	.1	0		1	0	0
LFIELD	65.7	30.4	48.1	6.0	90	26	12	9	504	1	0	21	0	T	-1.29	T	12	.0			0	0	0
WBELLS	61.3	34.1	47.7	8.4	90	27+	16	9		2	0	17	0	.10	- .96	.10	8		0		1	0	0
WBELLS 5 E	62.3	34.3	48.3		89	29	16	9+		0	1	14	0	.05		.05	8		1	8	1	0	0
NMAN COURT HOUSE //	63.1	31.9	47.5	5.0	86	28	14	2	524	0	0	17	0	.00	-1.23	.00		.0			0	0	0
OS8Y	64.9	34.0	49.5	9.6	92	28	11	9	473	2	0	12	0	.23	- .70	.23	8	5.0	5	8	1	0	0
CKINSON CAA AP	63.5	32.9	48.2	6.4	89	28	16	9	507	0	0	15	0	T	-1.20	T	8+	T	3	1	0	0	0
CKINSON EXP STA	63.6	32.2	47.9	6.1	90	29	17	9		1	0	17	0	T	-1.20	T	13	.0	2	1+	0	0	0
NN CENTER	64.0	28.7	46.4	4.9	90	29	15	1+		1	0	19	0	T	-1.26	T	13	.0	10	1	0	0	0
BOWOODS	66.7				92	28	19	10		2	0		0	.00	-1.01	.00		.0	0		0	0	0
PING	66.8	33.7	50.3	8.6	92	28	14	9	455	2	0	13	0	T	- .99	T	8	.0	0		0	0	0
ENORA	63.6	35.1	49.4	10.1	86	29	9	9	477	0	0	11	0	.00	-1.03	.00		.0	12	1	0	0	0
TTINGER	61.6	33.0	47.3M	4.4			15	2	531	0	0	16	0	.17	- .89	.17	20	.0	4	1	1	0	0
NMARE	62.8	33.9	48.4M	8.2	90	27	15	9+		1	0	13	0	.01	- .91	.01	8	.0	0		1	0	0
STWOOD 12 N	69.9	35.2	52.6M		89	28	12	10	383	0	1		0										
RMARTH					89	27+				0	0		0	.00	-1.07	.00		.0			0	0	0
NORA 4 NNE	68.0	30.0	49.0		91	28	12	9	479	2	0	20	0	.00		.00		.0	T	1+	0	0	0
CT	62.9	30.6	46.8	4.5	88	26+	16	2	541	0	0	20	0	T	-1.22	T	12	T	7	1	0	0	0
W ENGLAND	64.1	31.1	47.6	5.2	89	26	17	2+	514	0	0	18	0	.00	-1.20	.00		.0	2	1	0	0	0
RSHALL	65.8	31.2	48.5	9.5	92	28	15	9	497	2	0	18	0	T	-1.07	T	8	T	T	8	0	0	0
RTAL	63.5	34.4	49.0	8.4	89	27+	8	9		0	1	13	0	.30	- .64	.30	8	4.0	4	8	1	0	0
WERS LAKE 1 N	62.2	31.9	47.1	7.1	89	26+	16	9	539	0	0	16	0	.00	-1.14	.00		.0			0	0	0
CHARDTON A88EY	65.2	34.4	49.8	8.4	89	26+	18	9	467	0	0	14	0	T	-1.22	T	8+	T	4	1	0	0	0
NISH	64.4	31.1	47.8	6.1	91	27+	15	9		2	0	17	0	T	-1.12	T	8	T	0		0	0	0
ANLEY	63.6	31.9	47.8		90	28	16	9+	513	1	0	18	0	.04	-1.13	.04	8	.0	4	1+	1	0	0
N HOOK	66.4	33.7	50.1		93	28	17	9	461	2	0	16	0	.00		.00		.0	1	1+	0	0	0
TFORD CITY	66.9	33.6	50.3	8.9	92	28	16	9	454	2	0	14	0	.04	-1.13	.04	8	1.2			1	0	0
LLISTON W8 CITY	64.9	37.2	51.1	9.1	91	28	18	9	429	2	0	11	0	.16	-1.04	.09	8	1.6	T	1+	2	0	0
DIVISION			48.6	7.1										.05	-1.16			.4					
STATE			48.5	7.2										.13	-1.29			.2					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAK
APRIL 1

Station		Total	Day of month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
ADAMS 7 S		.02			T					T													.02									
ALEXANDER		.11								.11																						
ALMONT 7 SW		.28																				.28										
AMBROSE	E	.50								E.50																						
AMENIA		1.10								.18												.92										
AMIDON		.00																														
AMIOON	R	.00																														
ANTLER		.03								.03																						
ARVILLA STATE PARK		.25								.09												.16										
ASHLEY		.76								.02												.74										
BALDHILL DAM		.40									.10												.30									
BALTA		T			T	T																										
BANTRY		.00																														
BEACH		.01				T				.01																						
BEACH	R	.00																														
BELCOURT INDIAN RES		T																				T									
BELCOURT INDIAN RES	R	.05								.02												.03										
BELFIELD		T												T																		
BERTHOLD		.01								.01																						
BEULAH		.09																													.09	
BEULAH	R	.10																													.10	
BISBEE		.10																				.10										
BISMARCK		T																					T									
BISMARCK WB AIRPORT	R	T								T												T										
BOTTINEAU		T		T						T					T								T									
BOWBELLS		.10								.10																						
BOWBELLS 5 E		.05	T							.05																						
BOWMAN COURT HOUSE		.00																														
BOWMAN 11 SE		.00																														
BOWMAN 30 NNW		.00																														
BREIEN	R	.00																														
BUCHANAN	R	.29								.10												.19										
BURT 16 N		.00																														
BUTTE		.12																					.12									
CANDO	R	.00																														
CARRINGTON		T								T												T										
CARSON	R	.00																														
CARSON 2 S W		.00																														
CAVALIER		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					.10									
CENTER		.00																														
COLGATE		.50																				.50										
COLUMBUS		.27								.27																						
COOPERSTOWN		.27								.10												.17										
COURTENAY		.37								.12												.25										
CROSBY		.23								.23																						
CROSBY	R	.28							.13	.15																						
DEVILS LAKE W B CITY	R	.04	T		T	T				.02												.02										
DICKINSON CAA		T								T				T								T										
DICKINSON EXP STA		T													T																	
DONNYBROOK		T								T																						
DRAKE		.00																														
DUNN CENTER		T													T																	
ECKMAN		.07		.03						T													.04									
EDGELEY EXP FARM		.10				T				T	.07												.03									
EDMORE 1 W		.01	T		T	T				T												T	.01									
ELBOWOODS		.00																														
ELGIN 5 S		T												T								T										
FILENDALE		.69				T				.15									.10			.38	.06									
ENDERLIN		.75				T					.36												.39									
EPPING		T								T																						
ESMOND	R	.00																														
FAIRFIELD 8 N		.00																														
FARGO WB AIRPORT	R //	.24	T	T	T	T				.18												.06										
FESSENDEN		.02																				.02										
FLASHER		.00																														
FLAXTON		.06								.06																						
FORBES 13 NW		.55			T					.05							T					.50										
FORT YATES		T								T																						
FORT YATES	R	.00																														
FOXHOLM 7 N		.00																														
FRYBURG	R	.00																														
FULLERTON		.64				T				.16												.48										
GACKLE		.08																				.08										
GARRISON		T								T												T										
GLEN ULLIN 13 N		.04																				.04										
GOLDEN VALLEY 10S		.19												.15																	.04	
GRACE CITY	R	.05																				.05										
GRAFTON STATE SCHOOL		.21			T					T												.16	.05									
GRAND FORKS CAA		.20	.01		T					.02												.17										
GRAND FORKS UNIV		.16	.01		T					T												.15										
GRAND RAPIDS 1 N		.51								.14												.37										
GRANVILLE		T	T							T																						
GRASSY BUTTE	R	.00																													T	
GRASSY BUTTE 10N		T																														
GRENORA		.00																														
HALEY	R	.00																														
HALLIDAY		.00																														
HALLIDAY	R	.00																														
HANKINSON R R STA		.62																					.62									
HANNAH		T			T					T												T										
HANSBORO		T	T							T																						
HARVEY 3 NE		T		T						T																						
HAYNES 6 NE	R	.00																														
HETTINGER		.17																				.17										
HILLSBORO		.73	.02		T	T				.08												.65										
JAMESTOWN CAA		.20			T	T				.02												.18										
JAMESTOWN STATE HOSP		.10				T				T												.10										
KENMARE		.01								.01																						
KENMARE	R	.00																														
KENSAL WILDLIFE REF		.03																				.03										
KILLDEER 8 NW		.00																														
KULM		.05								.03									T			.02										
LANGDON EXP FARM		.10			T	T				T	T												.10									
LANSFORD		T								T																						
LARIMORE		.36			T					.14				.04								.18										
LEEDS		T			T					T												T										
LEFOR 10 E		T																				T										
LINTON		.12																	.04			.08										
LISBON		.40								T	.30												.10									
LITCHVILLE		.63				T				.10												.53										
LOSTWOOD 12 N		-	-	-	-	-	-	-	-	-																						
MADDOCK AGR SCHOOL		T								T												T										
MANDAN EXP STATION		T																					T									
MANDAN FT LINCOLN PARK		.00																														
MANNING	R	.00																														
MARMARTH		.00																														
MARMARTH M O U CO	R	.00																														
MARTIN		T																					T									

See reference notes following Station Index.

DAILY PRECIPITATION

able 3—Continued

Station		Total	Day of month																											
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		.18								T												.18										
VILLE		.40	T	T	T					.02												.47										
CLUSKY		.09			.00																											
HENRY 4 N		.05																				.05									T	
LFOD 3 E		.75								.28												.23	.24									
VILLE		T																				T										
INA 1 W		.11																				.11										
ORA	R	.0																														
ORA 4 NNE		.00																														
ORA 11 N		T								T				T																T		
VILLE	R	.0																														
OT CAA		T								T												T										
OT EXP FARM		.01								T												.01	T									
FIT 4 SE		.04																				.04										
ALL		.02								.02																						
TPELIER		.17				T				.04												.13										
T		T												T																		
ICH 4 SW		.05			T																		.05									
OLFON 1 SE		.05								.05												T										
OLFON 1 SE	R	.06								.06																						
ENGLAND		.0																														
ROCKFORD 7 WNW		.04				T				T												.04										
SALEM 1 S		T																				T										
NAN		.40								.40																						
YMGATI	R	.12							.05	.07																						
TONVILLE		.27								T												.27										
FS		.79				T	T				.25												.54									
K RIVER		.03			T					T												.03										
SHALL		T								T																						
AINA 2 N		.08	T		T																	.08										
ERSBURG		.03																				.03										
TIRONE		.01	.01							T																						
TIRONE	N	.03	.03																													
GREE		.08				T				T												.08										
TAL		.30								.30																						
ERS LAKE 1 N		.00																														
TTY ROCK		T												T								T										
DFR		.0																														
DFR 14 N		.0																														
HARDTON ABBEY		T								T																					T	
HARDTON ABBEY	R	.0																														
ERDALE		T								T													T								T	
LA		T	T		T																											
RY		.04	T		T	.04																										
FR		.00																														
FR	R	.00																														
HAVEN		.00																														
ICH		T								T																						
ANTON		.0																														
ERIDGE 11 W		T																				T										
TINEL BUTTE 20 S		.0																														
RON		.11								.08												.03										
RWOOD 3 N		.02								.02																						
YFNNE	R	.02																				.02										
ELDS		.0																														
NLEY		.04								.04																						
NLEY	R	.04							.02	.02																						
FLF		.10																				.10										
ESTON		T								T												T										
US		.02					T			.02																						
GA		.0																														
LEY 4 NE		.0																														
NER		T			T																											
TTERS 6 WNW		T				T				T																					T	
TLE LAKE		.04																					.04									
TLF		.08																				T	.08								T	
AM 3 N		.05																					.05									
LEY CITY		.25				T				.04												.21										
MOOR		.07																														
VA		.03												T									.03									
ONA		.26																					.26									
PFTON STATE SCHOOL		.58								.12	.06											T	.40									
HALLA		T								T																						
WICK		.00																														
HAURN		T								T																						
HAURN WATER WKS	R	.00																														
AUGA 8 N S DAK		.16																				.16										
FORD CITY		.04								.04																						
FORD CITY 11 E	R	.00																														
THOPE		T								T												T										
DROSE		.23								.23																						
LISTON WR CITY	R //	.16							.07	.09				T				T														
LOW CITY		T																					T									
TON RR STATION		.00																														
HEK		.00								T									T				T									
DWORTH 5 E		.06																				.06										
L		.22								.22																						

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	37	39	40	43	44	49	68	52	37	44	55	58	55	63	68	70	73	81	81	75	58	64	68	75	80	89	90	91	83	85		63
	MIN	29	23	17	19	27	27	32	29	14	20	29	29	29	30	33	38	39	43	47	45	38	29	32	42	41	50	54	54	53	43		34
AMENIA	MAX	44	39	35	34	39	42	51	48	45	46	43	45	57	61	64	73	69	77	74	76	62	59	64	65	75	90	91	90	87	89		61
	MIN	33	33	28	28	29	30	32	31	29	30	30	33	31	29	30	33	37	37	37	44	46	34	31	33	42	41	52	49	50	49		35
AMIOON	MAX	41	36	37	39	46	46	56	70	37	39	47	56	54	57	63	68	62	71	78	79	69	51	65	68	75	82	86	82	87	72		60
	MIN	18	17	19	18	25	30	37	26	16	22	26	30	35	30	34	35	36	47	55	40	38	31	37	42	39	46	55	51	52	43		34
ARVILLA STATE PARK	MAX	45	41	36	33	42	47	55	49	36	43	48	45	59	67	69	78	76	84	88	79	79	62	69	70	77	93	97	93	91	86		64
	MIN	33	31	26	24	28	20	32	31	17	9	27	25	22	19	28	29	42	46	40	41	40	28	24	38	28	44	48	42	46	49		31
ASHLEY	MAX	37	36	37	34	38	41	53	49	35	37	45	43	51	59	62	67	66	77	75	67	67	59	63	73	73	86	88	89	82	82		59
	MIN	26	21	19	27	22	23	32	31	19	18	27	30	25	25	25	31	37	38	47	46	40	28	30	36	39	49	51	53	54	46		33
BALOHILL DAM	MAX	42	42	42	40	36	44	44	54	42	36	42	48	52	50	60	72	76	76	82	82	82	62	64	76	78	78	92	94	92	88		62
	MIN	28	30	26	26	26	20	30	34	22	10	18	30	30	30	34	34	40	38	38	48	42	26	26	38	42	52	50	50	52	50		34
BEACH	MAX	45	38	41	38	51	48	64	76	37	39	48	60	53	59	65	70	67	73	80	80	80	53	62	71	77	83	88	84	87	71		62
	MIN	28	17	17	21	24	33	32	25	16	23	21	29	33	33	31	38	35	45	40	42	38	23	35	36	44	45	53	58	50	51		33
BELCOURT INDIAN RES	MAX	40	39	35	33	42	48	65	52	33	42	50	55	58	62	67	75	75	79	82	75	63	62	67	68	74	86	87	89	86	84		62
	MIN	28	27	21	23	24	22	28	26	15	16	27	24	27	20	27	37	39	43	43	40	42	25	27	39	30	43	43	52	45	53		31
BELFIELD	MAX	42	44	43	51	52	58	76	51	38	48	63	58	62	60	71	68	74	81	81	74	54	65	72	78	84	90	87	89	75	82		65
	MIN	25	18	20	21	22	28	32	26	12	18	20	26	45	26	32	28	31	46	34	32	31	20	29	32	37	43	45	42	51	41		30
BISBEE	MAX	42	41	38	44	48		63	54	33	44	51	58	65	69	76	77	81	85	78	73	63	68		79	77	89	90	91	90	83		66
	MIN	31	30	28	27	23		30	30	18	14	24	29	29	25	33	40	43	42	39	42	26	26		41	36	42	48	49	48	54		33
BISMARCK WB CITY	MAX	47	39	42	45	45	40	45	62	43	38	43	52	53	58	62	68	70	72	83	81	74	57	63	68	75	79	90	91	91	88		62
	MIN	27	25	22	25	24	28	33	32	20	21	31	31	30	29	35	37	39	41	48	48	42	31	37	41	42	51	52	53	58	51		36
BISMARCK WB AIRPORT	MAX	39	42	42	44	40	46	61	44	38	44	52	53	56	63	68	70	72	83	81	74	58	63	69	76	80	92	92	92	89	85		63
	MIN	27	25	21	25	23	29	32	26	22	20	31	30	29	25	32	32	33	36	41	47	36	28	35	34	35	43	45	48	58	50		32
BOTTINEAU	MAX	51	39	42	42	39	43	49	67	40	34	43	53	58	59	62	68	75	76	79	82	77	54	62	69	69	74	87	84	91	86		61
	MIN	30	25	19	28	21	24	29	30	14	14	24	28	31	27	32	32	33	44	50	45	40	26	32	39	37	42	45	54	54	55		33
BOWBELLS	MAX	38	34	38	39	41	41	49	68	33	33	47	60	61	61	66	73	71	76	78	84	69	55	65	73	72	82	90	81	90	71		61
	MIN	29	26	21	24	25	27	32	27	16	18	23	31	31	31	31	40	41	50	42	43	35	25	34	31	40	49	55	50	52	44		34
BOWBELLS 5E	MAX	43	36	45	44	46	47	57	67	34	32	46	58	60	59	66	73	75	76	78	84	70	55	64	72	70	80	88	80	89	75		62
	MIN	29	25	22	23	22	29	36	27	16	16	22	31	30	32	35	36	40	49	41	44	35	26	35	34	44	46	54	48	59	43		34
BOWMAN COURT HOUSE	MAX	39	38	36	43	44	50	67	62	37	51	57	50	58	64	67	64	69	77	79	75	68	60	67	75	81	85	83	86	82	78		63
	MIN	23	14	20	17	20	26	31	25	15	27	26	26	35	27	32	37	32	37	42	40	38	25	32	37	39	44	50	49	49	42		31
BUTTE	MAX	39	44	43	42	43	46	63	57	36	44	52	60	57	63	69	74	79	83	83	76	65	62	68	70	78	89	88	91	87	82		64
	MIN	30	26	21	23	22	26	34	29	25	18	26	30	32	31	36	40	41	46	47	48	37	30	37	44	42	51	56	41	57	49		35
CARRINGTON	MAX	48	38	41	39	39	39	43	57	42	31	41	47	48	57	64	66	74	72	80	82	74	53	62	67	78	75	89	92	92	92		60
	MIN	27	30	20	25	27	24	23	31	20	19	21	29	29	27	32	33	35	40	49	44	41	31	28	32	37	42	55	58	53	49		33
CARSON 2 S W	MAX	37	40	41	45	47	50	70	40	40	40	55	60	57	64	70	67	74	80	80	75	59	64	68	78	82	90	90	90	83			63
	MIN	27	17	17	18	23	25	32	30	14	20	28	26	30	28	33	35	36	39	43	44	35	24	30	35	40	45	50	54	53			32
CAVALIER	MAX																	81	85	85	82	69	62	70	72	78	92	97	94	93	87		
	MIN																		52	44	41	45	27	26	42	40	47	47	49	48	51		
CENTER	MAX	36	37	38	42	42	47	64	52	37	43	54	59	54	64	69	70	83	84	81	74	63	64	73	84	85	89	87	90	88	83		64
	MIN	26	20	18	20	19	27	34	30	17	17	27	26	27	23	28	27	32	31	42	39	27	25	27	38	40	52	64	41	56	47		31
COOPERSTOWN	MAX	48	39	37	34	39	44	53	49	42	41	46	42	56	62	64	74	70	79	83	78	60	61	66	72	75	89	94	92	89	88		62
	MIN	32	31	26	25	27	25	31	31	20	15	27	29	26	26	29	32	38	41	44	46	42	29	32	36	36	48	48	53	52	49		34
CROSBY	MAX	39	45	46	48	50	64	61	48	34	44	59	57	60	67	73	72	75	78	84	74	54	66	73	71	82	90	80	92	82	79		64
	MIN	30	23	24	23	24	33	34	24	11	12	25	31	35	31	34	38	39	42	43	42	33	26	43	38	40	44	55	48	53	43		34
DEVILS LAKE W B CITY	MAX	40	40	34	34	44	46	60	43	35	42	50	49	58	65	67	75	74	81	85	75	58	61	67	70	75	90	93	91	89	85		62
	MIN	31	29	24	24	28	24	31	23	18	16	27	29	28	29	34	38	41	45	46	45	38	29	33	38	40	50	54	48	54	51		34
DICKINSON CAA	MAX	36	43	42	47	47	55	73	37	38	47	58	56	59	64	70	69	73	80	80	74	54	62	68	74	82	87	85	89	74	82		61
	MIN	22	18	21	22	25	30	33	22	16	22	29	28	33	28	34	36	35	42	46	41	30	25	31	40	41	49	51	48	47	41		32
DICKINSON EXP STATION	MAX	46	39	42	44	49	51	60	76	40	40	47	60	57	60	66	72	69	74	81	81	74	55	63	70	75	83	88	86	90	71		61
	MIN	29	20	22	23	24	30	32	29	17	21	27	26	32	30	35	31	30	34	37	42	37	19	33	37	40	43	43	47	54	41		32
DRAKE	MAX	48	49	42	41	41	43	47	64	42	37	45	53	58	58	64	69	75	76	82	85	75	57	63	69	71	76		88	91	88		62
	MIN	29	26	22	28	25	26	33	32	17	19	28	31	32	32	33	37	40	46	45	46	40	26	35	45	40	52		51	51	47		35
DUNN CENTER	MAX	43	37	42	41	45	45	65	75	40	40	46	60	61	60	66	72	72	75	87	82	77	56	64	70	75	83	89	88	90	78		64
	MIN	15	15	16	18	19	21	25	29	15	17	21	25	28	29	30	30	33	37	36	39	40	21	27	37	30	38	42	40	44	44		29
ECKMAN	MAX	54	40	46	45	45	47	53	72	42	37	47	55	58	60	66	73	77	80	83	86	80	57	65	73	81	81	92	87	92	86		65
	MIN	28	26	20	24	20	25	30	30	15	15	23	27	27	28	30	30	38	45	39	45	39	20	28	32	30	35	47	49	54	45		33
EDGELEY EXP FARM	MAX	40	36	37	39	34	33	41	55	40	35	36	45	41	54	59	61	70	65	77	75	71	68	60	64	74	74	87	89	89	89		57
	MIN	28	25	22	26	27	23	21	32	21	26	27	31	28	27	28	33	40	39	47	41	45	35	29	36	37	43	44	51	48	46		33
EDMORE 1 W	MAX	40	37	35	31	41	46	50	45	32	40	48	49	55	62	65	75	75	81	85	76	58	61	67	68	75	91	94	91	91	84		6
	MIN	30	28	23	21	25	21	30	29	15	11	25	25	26	22	25	27	39	42	47	40	41	21	28	32	32	44	44	48	47	45		3
ELGOWOODS	MAX	45	41	45	47	47	60	76	41	40	37	51	53	67	70	72	77	78	85	87	79	75	70	72	80		91	88	92	83	85		6
	MIN	20	22	20	20	22	31	31	20	23	19	21	25						42		39	39											
ELLENDALE	MAX	41	41	42	37	38	45	60	57	40	40	48	47	55	62	64	71	67	78	76	72	64	60	65	75	78	87	88	90	85	85		6
	MIN	30	28	25	29	26	25	29	32	22	16	30	34	28	29	27	32	42	39	41	43	44	33	32	34	41	43	48	53	49	52		3
ENDERLIN	MAX	48	40	41	37	35	38	41	51	41	37	38	44	41	55	60	63	70	70	76	77	74	62	59	64	74	75	89	90	89	86		5
	MIN	32	30	28	28	28	28	31	33	24	17	20	32	29	28	30	33	35	38	44	43	45	32	29	35	44	43	52	50	50	47		3
EPPING	MAX	39	42	41	50	50	65	68	40	34	48	62	65	62	69	76	76	75	78	85	80	56	66	74	75	85	91	89	92	87	83		6
	MIN	26	16	23	20	20	25	33	25	14	21	26	29	36	32	34	39	39	46	44	43	34	25	36	40	45	43	48	51	54	45		3
FARGO WB AIRPORT	MAX	41	37	32	32	38	40	51	47	33	35	43	46	55	59	62	71	67	76	77	75	61	58	63	74	74	89	90	88	86	89		5
	MIN	31	31	28	29	29	29	33	30	24	21	30	33	31	29	30	35	38	42	49	48	44	31	33	37	45	49	46	56	54	48		3
FESSENDEN	MAX	41	41	39	40	38	44	59	54	37	43	49	52	62	63	66	73	73	81	83	79	62	62	66	82	86	89	90	92	88	85		6
	MIN	30	27	24	25	25	24	30	31	18	19	26	30	29	31	31	35	38	44	47	49	30	25	33	41	44	49	54	43	53	44		3
FORT YATES	MAX	42	41	39	42	44	48	63	59	42	43	50	49	56	61	67	66	68	80	81	75	67	62	67	78	78	89	92	91	87	84		6
	MIN	30	26	19	28	22	23	29	32	18	17	32	28	26	23	32	32	38	39	45	47	42	26	31	35	35	57	55	44	56	46		3
FOXHOLM 7 N	MAX	44	47	44	47	48	56	74	65	38	48	59	63	62	68	74	78	78	80	86	82	75	66	73	70	80	90	93	93	90	82		6
	MIN	31	27	20	18	19	26	34	22	18	10	20	31	34	30	31	43	46	50	34	48	38	36	33	38	37	50	56	46	58	50		3

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LLERTON	MAX	39	39	40	34	35	45	59	46	39	42	49	42	54	62	69	67	68	78	78	73	61	60	67	76	76	87	90	91	89	88		61.4
	MIN	31	29	25	29	29	25	30	31	22	19	30	33	28	29	30	35	40	42	43	45	44	33	32	35	39	47	48	54	49	49		35.2
CKLE	MAX	37	39	39	35	34	39	50	49	37	39	44	44	56	61	64	72	68	78	79	72	58	68	66	76	75	88	93	91	87	86		60.8
	MIN	26	24	21	26	21	19	32	31	19	21	26	30	26	29	31	37	36	41	46	45	41	29	33	39	41	46	51	53	54	50		34.1
RRISON	MAX	37	41	42	43	43	47	64	40	36	43	54	60	58	64	70	74	78	83	83	75	55	64	69	72	79	90	88	91	78	84		63.5
	MIN	26	22	21	23	24	26	31	30	19	20	28	29	32	31	32	35	39	45	43	42	33	27	35	40	42	48	52	52	60	51		34.6
AFTON STATE SCHOOL	MAX	56	41	38	35	46	47	56	53	42	40	46	45	62	65	67	77	77	84	87	86	63	62	67	71	76	92	97	96	91	89		65.1
	MIN	31	30	26	20	26	23	29	30	16	11	25	26	28	23	28	28	41	46	40	44	46	28	28	38	32	43	47	48	52	48		32.7
ANO FORKS CAA	MAX	43	38	32	33	42	44	55	42	33	40	45	45	58	64	65	75	72	82	85	78	61	60	66	69	77	90	95	91	88	86		61.8
	MIN	32	30	27	24	28	28	33	30	21	17	28	30	28	28	34	32	39	42	45	47	36	28	32	35	38	44	57	53	52	51		35.0
ANO FORKS UNIVERSITY	MAX	46	38	35	34	40	44	55	47	35	38	45	43	58	63	64	75	72	82	84	76	70	58	58	68	75	91	95	90	87	87		61.8
	MIN	32	32	28	27	29	30	34	32	22	20	30	35	30	34	34	35	37	42	47	48	45	29	38	40	41	53	55	55	53	53		37.3
AND RAPIDS 1N	MAX	39	41	42	35	36	44	57	53	41	39	47	44	57	62	64	72	69	79	78	73	64	60	66	77	75	89	91	90	86	87		61.9
	MIN	30	29	24	28	28	24	31	31	22	17	30	32	27	24	26	29	37	39	44	46	44	27	27	34	40	41	49	52	49	47		33.6
ANVILLE	MAX	41	48	48	48	48	52	72	66	39	49	57	63	62	67	72	78	80	83	87	80		65	77	68		91	86	93	88	83		67.5
	MIN	31	28	22	27	21	22	31	30	17	17	24	28	34	31	29	35	42		37	46		26	33	39		36	54	48	55	49		33.0
ENORA	MAX	37	43	41	42	51	66	60	40	35	46	61	56	60	69	74	74	75	78	84	65	55	65	70	68	82	84	81	85	86	76		63.6
	MIN	25	15	22	27	21	34	31	22	9	16	26	33	34	34	34	36	42	51	46	53	42	29	36	39	44	46	56	52	56	41		35.1
ERKINSON R R STATION	MAX	38	39	39	36	35	38	44	49	41	32	36	41	41	55	57	63	70		75	77	67	60	58	61	72	74	81	89	87	85		56.6
	MIN	30	30	23	27	26	24	23	32	23	18	22	31	31	28	31	35	40		40	47	50	35	33	37	45	44	51	54	54	51		35.0
ENNAH	MAX	50	49	36	30	44	49	61	51	33	42	50	57	58	64	68	76	77	80	82	85	76	60	67	69	75	89	91	91	89	82		64.4
	MIN	31	23	24	20	20	23	31	28	16	13	25	28	27	27	29	39	39	43	41	43	41	20	32	38	36	47	48	44		43		31.7
ENSBORO	MAX	46	39	32	31	44	49	64	41	33	44	52	59	58	65	69	78	78	81	85	79	62	63	69	70	78	90	91	91	90	80		63.7
	MIN	31	29	26	23	27	25	31	27	18	15	25	27	28	31	31	39	46	47	44	39	35	23	25	39	39	41	48	44	47			32.8
ETTINGER	MAX	35	39	41	43	49	54	64	51	38	49	55	58	56	62	68	60	69	77	81	73	56	60	68	74	80	80	85	86	76			61.6
	MIN	27	15	21	20	24	26	32	28	17	22	29	26	33	30	32	40	33	41	48	43	39	23	32	38	41	46	50	49	52			33.0
ILLSBORO	MAX	48	40	38	34	40	43	53	49	37	35	41	45	58			73					65					91	92	90	88	89		
	MIN	32	30	26	26	27	25	32	30	14	16	28	31	24	26	25	36	39	42	44					38	39	41	46	43	48	46		32.8
JAMESTOWN CAA	MAX	37	41	41	35	36	43	57	44	38	39	48	42	56	62	64	73	71	80	80	73	61	61	67	75	74	90	94	92	88	87		61.6
	MIN	32	30	25	27	27	26	32	27	20	19	29	32	25	27	29	31	41	40	45	45	36	29	29	34	36	44	48	49	50	50		33.8
JAMESTOWN STATE HOSP	MAX	38	41	41	35	37	44	57	48	36	40	49	42	56	62	65	73	80	81	74		60	61	67	77	76	91	95	92	88	89		61.9
	MIN	32	30	26	27	29	26	33	32	21	20	29	32	27	27	32	33	41	49	47	44	31	31	32	37	39	47	48	53	51	50		35.2
KMARE	MAX	40	37	46	45	48	47	55		35	34	47	59	60	59	64	71	78	76	79	85	71	55	65	72	72	81	90	83	89	77		62.8
	MIN	28	24	20	21	25	25	36	27	15	15	25	33	29	35	38	40	42	45	36	40	35	28	32	34	42	49	55	45	52	45		33.9
KISAL WILDLIFE REFUGE	MAX	40	45	43	35	40	42	57	51	41	40	47	47	59	63	62	77	73	82	81	71	62	63	66	75	75	91	95	92	87	88		63.0
	MIN	30	28	24	25	27	17	30	30	19	12	27	28	21	21	25	28	37	40	49	41	40	26	28	34	29	43	57	45	46	49		31.9
KIGDON EXP FARM	MAX	47	39	35	32	45	48	59	54	37	42	49	52	60	65	68	77	78	82	84	80	62	62	67	69	75	90	95	92	89	84		63.9
	MIN	30	27	24	20	22	24	31	28	13	12	24	27	21	27	31	32	37	40	43	43	38	20	32	35	37	47	48	47	56	45		32.0
KILMORE	MAX	50	40	38	33	42	46	53	49	38	40	46	43	58	64	65	75	73	82	85	77	62	60	66	69	74	90	95	91	89	87		62.7
	MIN	33	31	27	24	28	25	32	33	20	13	28	29	28	27	31	32	44	48	43	42	43	29	30	41	36	48	55	48	49	50		34.9
KOS	MAX	41	43	41	36	51	51	64	56	38	46	53	58	62	66	70	78	78	83	88	78	66	67	69	73	78	92	93	94	92	86		66.4
	MIN	31	28	25	26	28	25	32	31	17	16	26	28	28	29	33	39	43	48	36	45	44	26	38	37	48	50	58	45	52	50		35.4
KTON	MAX	40	40	40	42	40	45	62	56	40	42	52	48	56	62	67	68	71	82	80	72	68	63	67	78	80	91	93	92	87	85		63.6
	MIN	28	23	18	27	19	28	32	33	19	-17	30	30	25	24	35	33	38	33	43	55	46	25	33	35	41	45	46	50	55	45		33.7
LEBON	MAX	47	40	41	42	34	39	42	50	39	37	37	44	50	55	61	68	72	67	76	78	69	68	63	66	75	80	88	90	90	94		60.1
	MIN	33	31	27	27	28	27	31	35	24	14	28	33	23	25	25	29	33	37	41	41	45	30	25	34	40	36	36	47	47	46		32.6
LETWOOD 12N	MAX									31	41	58	58	58	66	70	74	74	77	86	78	61	63	71	70	80	88	80	89	87	78		69.9
	MIN									14	12	22	29	30	29	32	36	40	41	39	41	29	27	35	37	42	44	53	47	53	42		35.2
LOOCK AGR SCHOOL	MAX	43	44	41	36	43	46	61	52	39	46	52	55	59	66	70	76	77	81	87	78	59	64	68	71	77	90	91	94	91	86		64.8
	MIN	30	28	23	27	25	25	31	32	16	16	26	26	26	27	28	29	37	39	39	39	44	22	30	34	33	40	48	47	49	47		32.1
LOAN EXP STATION	MAX	43	37	39	39	42	40	45	60	40	37	42	52	55	56	63	68	70	71	81	80	75	56	62	68	72	79	90	89	91	87		61.0
	MIN	27	22	20	24	22	27	29	32	20	18	31	28	28	26	30	33	37	40	44	44	40	27	32	37	37	45	49	46	54	50		33.3
LOAN FT LINCOLN PARK	MAX	39	43	43	45	43	47	61	54	37	44	54	57	60	65	70	72	73	84	81	77	67	64	71	73	80	92	91	93	89	86		65.2
	MIN	27	24	27	30	22	27	31	32	18	20	31	30	29	29	33	35	40	41	45	45	42	30	36	39	42	49	48	50	55	50		35.2
LMARTH	MAX							70						49		71	63	73	81	81	69	60	64	71	78	85	80	89	89	79	80		
	MIN							34						18		31	39	32	38	36	38	40	23	35	44	34	34	34	45	45	43		
	MAX	48	38	45	42	48	47	45	62	45	38	40	48	58	68	64	72	73	76	82	84	75	53	64	63	70	94	88	86	92	83		63.0
	MIN	28	24	27	24	28	27	32	28	17	16	20	28	28	28	34	34	35	44	45	45	45	28	29	39	39	44	54	51	54	54		34.3
LVILLE	MAX	44	39	37	31	39	44	48	48	37	38	44	47	57	61	65	75	76	81	82	75	57	59	59	70	76	90	91	90	86	83		61.0
	MIN	34	32	28	28	29	25	32	32	23	22	31	34	33	32	32	31	42	41	45	46	44	28	28	39	38	49	54	53	50	54		36.3
LCLUSKY	MAX	37	40	41	41	44	40	62	52	35	44	52	57	56	62	68	80	78	82	89	78	72	64	67	71	79	89	87	91	87	83		64.3
	MIN	20	22	21	22	22	19	24	25	18	19	27	29	30	31	32	33	38	43	41	49	40	28	34	38	40	48	54	54	55	54		33.7
LHENRY 5 N	MAX	43	39	35	33	39	43	55	47	35	39	48	43	57	61	63	73	70	79	83	74	59	61	66	70	74	90	93	91	87	86		61.2
	MIN	29	27	21	23	26	22	30	29	15	14	25	28	22	29	29	32	37	40	45	43	40	25	30	33	38	46	47	52	48	48		32.4
LLEOO 3 E	MAX	40	46	41	36	42	39	45	43	38	36	41	44	55	61	60	70	66	75	75	72	65	60	64	73	74	85	88	92	89	88		60.1
	MIN	30	30	22	27	29	23	31	31	23	18	28	33	29	27	30	34	37	42	47	41	45	31	33	35	44	45	54	50	53	50		35.1
LORA 4 NNE	MAX	47	45	44	53	53	65	78	64	41	50	62	61	54	68	73	69	75	83	83	79	59	65	72	77	85	90	87	91	86	82		68.0
	MIN	31	15	20	18	21	31	31	28	12	19	20	26	28	28	37	32	28	35	32	36	41	17	31	30	46	35	40	42	54	37		30.0
LOT CAA	MAX	39	46	45	47	44	50	68	39	36	45	55	59	60	65	70	75	77	81	85	77	55	63	69	69	79	89	87	92	84	82		64.4
	MIN	31	27	24	23	23	27	36	22	17	15	23	34	33	38	36	45	49	51	44	50	41	28	39	39	45	53	59	46	58	51		36.9
LOT EXP FARM	MAX	40	45	45	47	45	49	66	60	36	45	55	61	58	64	70	74	77	81	84	78	64	63	68	70	78	89	86	91	84	82		65.2
	MIN	30	28	23	24	23	28	36	28	16	17	23	32	30	34	36	41	43	48	42	48	39	27	37	38	43	50	54		56	51		35.3
LALL	MAX	42	47	46	48	47	55	72	54	37	54	58	63	60	66	73	78	79	81	82	77	62	65	73	71	80	91	83	91	85	81		66.7
	MIN	30	26	20	22	21	27	31	28	15	15	23	27	34	31	31	30	43	48	38	43	37	23	34	37	42	44	56	48	53	46		33.4
LT	MAX	39	40	40	45	50	54	73	52	39	46	56	59	56	63	68	63	71	79	78	74	59	61	65	65	73	88	86	88	77	81		62.9
	MIN	25	16	20	21	23	27	31	29	19	20	26	26	29	29	30	32	30	32	36	42	39	23	25	33	35	40	43	41	51	46		30.6
LICH 4 SW	MAX	46	39	34	33	43	46	61	50	34	41	49	54	59	64	66	75	77	79	85	76	65	62	67	68	74	89	92	91	89	83		63.0
	MIN	30	28	22	21	26	22	29	29	15	13	24	25	27	28	27	32	35	38	40	42	41	21	27	34	37	43	47	45	46	49		31.4

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5- Continued

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON 1 SE	MAX	35	37	37	36	35	38	50	50	34	37	45	44	51	59	62	67	68	77	78	69	58	61	65	76	74	87	91	90	85	84		59
	MIN	25	20	16	25	19	23	33	31	17	14	27	30	21	26	31	33	34	41	47	44	39	27	35	41	37	48	52	46	56	45		32
NEW ENGLAND	MAX	33	40	41	45	47	56	73	62	43	46	58	56	58	64	69	64	73	80	79	72	56	62	68	75	82	89	85	88	79	80		64
	MIN	28	17	24	21	25	28	30	28	17	20	26	26	32	27	30	31	34	35	39	37	34	22	29	36	34	40	44	41	52	47		31
NEW SALEM 1 S	MAX	42	40	39	42	40	49	66	53	36	42	53	57	58	63	68	70	73	81	80	76	56	63	68	73	80	90	89	90	85	83		63
	MIN	28	19	17	22	24	26	30	25	17	17	27	27	28	32	30	35	37	45	40	42	39	24	37	40	35	47	45	48	55	46		32
OAKES	MAX	45	38	40	42	34	35	44	57	39	36	38	47	43	55	61	63	70	67	75	76	71	60	59	63	72	74	86	87	89	84		58
	MIN	31	29	26	27	28	23	30	32	22	17	25	32	28	29	26	29	37	37	44	43	45	32	28	31	40	40	48	52	51	48		33
PARK RIVER	MAX	54	43	38	34	45	49	57	54	40	43	50	47	59	66	69	77	77	83	87	85	67	61	69	70	76	92	95	93	91	89		65
	MIN	34	31	26	23	27	27	30	32	18	14	26	25	30	30	38	40	44	49	41	48	44	28	36	42	37	54	51	49	49	54		35
PARSHALL	MAX	40	42	42	46	45	54	72	54	36	45	58	59	59	66	71	74	77	82	83	79	61	65	72	71	81	90	87	92	87	83		65
	MIN	27	20	20	20	22	29	33	29	15	16	25	29	28	29	32	32	33	40	35	40	36	21	31	30	38	38	41	44	56	46		31
PEMBINA 2N	MAX	57	37	37	33	43	48	59	59	42	43	47	47	62	68	70	81	83	86	86	83	81	61	71	77	80	92	99	95	93	93		66
	MIN	31	27	26	25	29	27	33	32	19	14	25	28	22	29	30	33	39	44	44	43	47	21	28	38	34	39	44	44	44	49		32
PETERSBURG	MAX	53	45	38	32	43	46	54	47	36	39	46	43	57	64	64	75	74	81	84	80	61	63	66	72	72	91	94	89	93	89		63
	MIN	27	21	23	23	26	24	30	30	18	13	24	28	26	31	32	34	39	47	43	44	40	21	34	35	39	49	50	50	53	48		33
PETTIBONE	MAX	46	37	38	38	36	40	53	50	34	40	47	48	59	62	64	72	70	78	80	71	60	61	66	74	76	88	92	90	86	85		61
	MIN	28	25	21	27	23	20	30	31	18	16	28	29	25	27	30	33	36	40	46	43	47	27	28	38	40	46	50	51	49	51		33
PORTAL	MAX	40	37	46	46	50	49	59	67	32	34	46	60	60	60	67	74	76	77	78	86	69	55	66	74	73	83	89	86	89	77		63
	MIN	29	23	22	21	26	30	34	25	8	18	25	32	31	35	35	40	42	49	44	43	34	26	38	33	45	49	51	49	54	40		34
POWERS LAKE 1N	MAX	36	40	41	45	40	53	64	40	35	40	55	50	58	64	70	73	74	76	81	65	54	62	71	69	80	89	89	87	86	78		62
	MIN	29	20	20	20	20	30	33	25	16	23	18	25	28	32	32	34	35	44	38	37	33	22	31	35	41	43	48	50	43	51		31
RICHAROTON ARBEY	MAX	41	41	39	46	46	55	72	68	37	45	58	57	58	64	70	72	74	81	80	76	60	64	68	73	82	89	85	89	85	82		65
	MIN	29	20	24	24	25	27	34	28	18	20	28	28	34	30	33	34	36	42	45	43	39	25	31	39	39	47	52	54	55	48		34
RIVEROALE	MAX	38	41	42	43	43	46	63	56	35	35	43	54	60	56	63	69	72	75	82	82	75	55	63	69	70	78	89	88	92	82		62
	MIN	28	23	22	22	22	28	32	30	20	19	28	27	33	32	32	33	38	45	45	45	40	28	30	41	40	49	55	50	58	51		34
ROLLA	MAX	41	39	34	31	42	48	63	51	33	43	51	57	58	63	67	76	77	80	82	75	60	70	67	68	75	88	89	90	89	80		62
	MIN	30	28	24	24	27	25	30	28	18	16	24	27	30	31	31	38	44	45	44	43	42	30	30	42	47	47	50	48	48	52		34
RUGBY	MAX	49	43	42	39	44	49	64	60	38	44	52	59	60	64	69	77	78	82	85	83	74	63	69	72	77	91	89	92	90	88		66
	MIN	30	28	23	27	25	26	32	32	18	17	27	29	33	31	34	33	40	48	42	46	43	28	35	42	40	41	56	50	55	50		35
SAN HAVEN	MAX	46	42	38	37	44	50	66	60	32	43	52	58	62	66	64	75	76	80	82	80	72	62	61	68	75	87	86	88	88	83		64
	MIN	30	28	22	24	24	22	30	29	15	17	23	27	31	33	34	35	42	46	52	49	40	28	36	42	42	47	51	56	55	56		35
SANISH	MAX	47	47	41	43	48	48	57	72	38	36	47	60	57	60	68	75	76	78	82	84	72	56	66	73	73	84	91	84	91	79		64
	MIN	21	20	19	20	21	22	30	29	15	17	21	22	30	28	34	31	33	37	43	40	45	22	24	36	40	40	42	52	52	48		31
SHARON	MAX	45	38	35	33	39	45	52	45	37	40	46	41	56	65	64	74	70	74	81	75	65	62	65	70	73	88	92	89	85	86		61
	MIN	31	30	25	25	26	25	30	31	19	15	25	29	28	30	31	30	32	43	47	43	40	27	33	40	43	51	52	54	57	52		34
STANLEY	MAX	36	42	41	46	45	52	69	46	34	45	59	57	59	65	69	75	76	78	82	70	56	64	72	70	81	89	84	90	76	80		63
	MIN	22	22	21	22	23	28	32	18	16	16	22	29	29	30	30	33	39	45	39	49	34	28	31	31	40	45	45	41	47	49		31
STEELE	MAX	40	40	40	38	38	42	56	50	36	48	47	50	56	62	65	71	70	80	80	78	58	62	67	76	76	89	93	91	89	86		62
	MIN	29	22	18	27	21	23	29	31	18	17	18	28	25	27	30	35	36	38	43	42	40	27	30	37	26	45	48	49	51	50		32
TOWNER	MAX	49	45	46	42	52		68	52	39	43	55	60	65	70	75	70	74	82	86	73	72	64	70	74	78	92	88	93	89	84		67
	MIN	28	28	20	27	34		38	34	22	22	25	28	34	37	38	39	37	39	53	53	39	24	32	48	34	55	51	47	53	48		36
TURTLE LAKE	MAX	40	39	40	42	41	45	61	56	36	44	44	59	57	62	68	72	73	82	82	78	68	61	68	71	77	89	87	90	85	82		63
	MIN	24	20	17	22	21	26	29	30	19	17	28	26	30	27	28	31	39	42	44	43	38	29	34	36	36	51	54	48	56	51		33
UPHAM 3N	MAX	48	51	49	45	47	52	71	68	41	48	57	64	63	66	72	76	83	87	86	84	63	66	74	75	79	95	92	93	91	87		69
	MIN	29	26	19	28	22	26	31	30	13	13	24	27	32	26	32	32	37	44	43	42	41	20	31	38	31	41	46	50	51	48		32
VALLEY CITY	MAX	41	43	40	35	39	44	53	53	42	41	47	43	57	69	65	75	74	80	80	73	62	61	67	76	75	90	94	92	89	89		63
	MIN	32	31	27	28	30	22	31	32	23	15	25	34	28	24	26	29	38	42	49	44	45	32	29	37	42	47	49	53	52	48		34
VAN HOOK	MAX	43	42	42	46	48	55	72	55	37	47	59	58	58	67	73	75	77	82	83	80	60	65	72	72	82	90	88	93	88	82		66
	MIN	27	21	27	23	24	30	33	29	17	20	25	30	30	32	33	35	37	44	41	43	38	25	32	32	41	40	48	49	55	51		33
VELVA	MAX	40	45	45	45	46	49	69	58	37	46	56	61	59	65	71	77	79	85	85	77	69	65	71	72	79	91	86	92	86	83		66
	MIN	31	28	23	25	24	28	37	30	18	15	25	33	35	32	34	36	44	53	44	39	41	27	38	43	39	53	60	46	59	51		36
WAHPETON STATE SCHOOL	MAX	39	37	35	33	35	40	52	51	32	36	41	46	55	57	62	69	66	74	76	75	64	58	61	72	74	85	89	86	85	87		59
	MIN	28	31	23	27	28	26	33	31	23	22	31	32	31	29	33	37	38	41	46	49	48	32	35	38	45	46	52	54	54	50		36
WASHBURN	MAX	42	40	43	44	44	45	60	60	38		52	56	58	62	67	68	82	82	81	75	66	61	68	72	77	90	89	90	84	83		64
	MIN	27	23	21	22	23	28	31	31	19		19	29	31	30	34	35	36	37	46		38	28	34	41	42	47	52	49	56	49		34
WATFORD CITY	MAX	45	44	42	51	56	65	73	42	38	48	63	57	62	70	74	75	78	81	83	77	55	66	73	76	84	90	84	92	81	83		66
	MIN	20	22	28	23	22	26	34	26	16	18	22	30	31	32	36	35	38	41	41	44	36	24	39	34	43	46	53	54	54	41		33
WESTHOPE	MAX	43	45	45	46	46	51	71	40	37	46	56	60	62	66	72	79	81	82	86	80	64	65	74	76	78	92	87	91	85	84		66
	MIN	27	25	20	25	23	26	31	18	16	15	25	29	31	30	32	35	40	54	45	44	32	22	30	35	38	44	48	46	55	49		33
WILLISTON WB CITY	MAX	40	45	44	50	53	71	68	34	34	47	62	56	60	69	74	74	75	78	82	64	55	65	73	73	83	90	83	91	75	80		64
	MIN	26	22	27	25	27	37	30	23	18	22	27	35	36	38	43	42	44	48	44	47	37	31	43	39	49	47	54	59	52	45		37
WILLOW CITY	MAX	46	45	44	42	46	52	68	46	38	45	54	56	62	65	70	77	79	83	85	77	60	64	70	77		91	88	91	88	83		65
	MIN	28	27	23	28	23	27	29	27	16	15	26	26	31	26	27	30	35	38	38	41	41	24	30	32	32	38	42	45	53	50		31
WILTON RR STATION	MAX	44	35	39	38	40	40	42	57	38	34	41	50	55	54	61	65	70	71	80	79	71	54	61	66	70	76	88	86	89	85		59
	MIN	25	22	21	24	22	25	27	29	17	16	25	26	28	29	30	34	34	37	39	42	37	32	29	33	40	42	45	50	50	50		32
WISHEK	MAX	43	36	37	31	36		38	51	40	38	34	45		50	58	63	67	62			78	55	62	65	74	79	86	90	89	83		57
	MIN	26	24	24	25	28			30	16	25		27		30	27	28	34	32			38	25	30	35	32	42	48	46	45	39		31

See reference notes following Station Index.

ble 6

EVAPORATION AND WIND

Station		Day of month																													Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ebella 5 E	EVAP	.07	•	.15	.12	.11	.12	.15	.18	•	.21	.10	.13	.15	.18	.26	.30	.30	.36	.26	.36	.38	.22	.24	.28	.28	.28	.44	.32	.50	.31		8.74
	WIND	162	173	78	42	22	130	184	208	163	42	138	63	32	45	134	103	34	121	73	77	220	105	66	97	6	108	148	90	170	110		3144
vila Lake WB City	EVAP	.08	.10	.07	.03	.04	.09	.12	.13	.15	.04	.14	.09	.14	.17	.25	.17	.22	.32	.23	.26	.18	.19	.24	.27	.23	.34	.30	.39	.40	.27		5.83
	WIND	108	132	74	48	27	59	76	108	85	37	101	48	30	33	52	30	66	73	39	50	89	49	53	59	31	58	43	57	57	37		1809
ckinson Exp. Sta. [a]	EVAP	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.24	.21	.13	.11	.18	.25	.27	.20	.17	.20	.19	.23	.21	.23	.48	.10		–
	WIND	105	155	25	75	30	110	120	205	145	45	185	70	105	65	190	130	70	40	70	100	190	130	40	130	70	100	70	60	240	110		3180
geley Exp. Farm	EVAP	–	.05	.25	.07	.03	.04	.03	.10	•	.14	.07	.14	.01	.11	.16	.18	.17	.15	.18	.11	.11	.11	.07	.22	.24	.25	.37	.33	.45	.27		4.58B
	WIND	–	29	51	72	75	35	22	88	163	115	89	108	40	86	46	117	17	23	82	125	79	96	10	70	48	63	92	81	77	59		2129B
verdale	EVAP	–	–	–	–	–	–	–	–	–	–	.21	.27	.21	.15	.24	.38	.14	.34	.39	.28	.35	.20	.24	.28	.38	.33	.39	.38	.58	.42		–
	WIND	–	–	–	–	–	–	–	–	–	–	230	176	106	57	183	164	96	102	105	132	145	110	88	159	126	170	82	73	222	105		–

Pan 6 feet in diameter, 24 inches deep, in ground 20 inches.

ble 7

SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ont 7 SW	SNOWFALL																															
	SN ON GND	2	1																													
nia	SNOWFALL								T																							
	SN ON GND	T	T	T					T																							
don	SNOWFALL																															
	SN ON GND	6	5	4	4	4	3	1	T	T	T	T	T	T	T	T	T															
ley	SNOWFALL																															
	SN ON GND	3	3	2	1																											
ch	SNOWFALL				T				0.1																							
	SN ON GND																															
court Indian Res.	SNOWFALL																															
	SN ON GND	1																														
field	SNOWFALL																															
	SN ON GND	–	–	–	–	–	–																									
narck WB City	SNOWFALL																															
	SN ON GND	3	2	1	1	1	T	T	T	T	T	T																				
narck WB Airport	SNOWFALL																															
	SN ON GND	3	3	2	1	T	T	T	T	T	T	T	T	T	T	T																
tineau	SNOWFALL		T						T																							
	SN ON GND																															
son 2 SW	SNOWFALL																															
	SN ON GND	5	3	2	1	T																										
ter	SNOWFALL																															
	SN ON GND	5	5	4	3	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T								
sby	SNOWFALL								5.0																							
	SN ON GND	T							5	2	T																					
lls Lake WB City	SNOWFALL	T		T	T																											
	SN ON GND	T	T	T																												
kinson CAA AP	SNOWFALL								T																							
	SN ON GND	3	2	2	1	1	1	T	T																							
kinson Exp. Sta.	SNOWFALL																															
	SN ON GND	2	2	1	T	T	T																									
n Center	SNOWFALL																															
	SN ON GND	10	9	8	7	6	5	3	T	T	T	T	T	T	T	T																
ore 1 W	SNOWFALL	T		T	T				T																							
	SN ON GND																															
endale	SNOWFALL				T				0.5										T			T										
	SN ON GND	3	2	2	2	1	1	1	T	T	T	T																				
go WB Airport	SNOWFALL	T	T	T	T				1.8													T										
	SN ON GND	2	1	1	1	1	T	T	1	T																						
t Yates	SNOWFALL								T																							
	SN ON GND	–	–	–	–	–	–																									
holm Wildlife Ref.	SNOWFALL																															
	SN ON GND	T	T	T	T	T																										
lerton	SNOWFALL				T				0.5																							
	SN ON GND	3	3	3	3	2	1	T	T	T	T																					
fton State School	SNOWFALL			T																												
	SN ON GND																															
d Forks CAA AP	SNOWFALL	T		T					T																							
	SN ON GND	T	T	T	T	T																										
d Forks Univ.	SNOWFALL			T																												
	SN ON GND																															
ville	SNOWFALL								T																							
	SN ON GND	2	1	T	T																											
linger	SNOWFALL																															
	SN ON GND	4	3	3	3	2	2	1	T	T	T	T																				
stown CAA AP	SNOWFALL			T	T				T																							
	SN ON GND	T	T	T	T	T	T	T																								

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
Killdeer 8 NW	SNOWFALL																															
	SN ON GND	8	7	6	5	4	2																									
Mandan Exp. Sta.	SNOWFALL																															
	SN ON GND	2	1	T																												
Mayville	SNOWFALL			T					T																							
	SN ON GND	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T													
McClusky	SNOWFALL			0.5																												
	SN ON GND	1																														
McHenry 5 N	SNOWFALL																															
	SN ON GND	2	1	T	T																											
Medora 4 NNE	SNOWFALL																															
	SN ON GND	T	T	T	T																											
Minot CAA AP	SNOWFALL								T																							
	SN ON GND	T	T	T	T																											
Minot Exp. Farm	SNOWFALL								T																							
	SN ON GND																															
Mohall	SNOWFALL								0.1																							
	SN ON GND																															
Montpelier	SNOWFALL				T				T																							
	SN ON GND	2	1	T	T	T	T	T	T	T	T	T	T																			
Mott	SNOWFALL												T																			
	SN ON GND	7	6	5	3	2																										
Munich 4 SW	SNOWFALL			T																												
	SN ON GND																															
Napoleon 1 SE	SNOWFALL																															
	SN ON GND	8	7	6	5	5	4	2	1	1	T																					
Oakes	SNOWFALL				T	T				3.0																						
	SN ON GND	T	T							3	-	-	-	-	-	T																
Parshall	SNOWFALL								T																							
	SN ON GND								T																							
Pettibone	SNOWFALL	T																														
	SN ON GND	3	2	1	1	1																										
Pretty Rock	SNOWFALL																															
	SN ON GND	8	8	7	7	6	5	4	3	3	3	2	2	1																		
Richardton Abbey	SNOWFALL								T																							
	SN ON GND	4	3	3	2	1	T	T	T	T	T	T	T	T	T																	
Riverdale	SNOWFALL																															
	SN ON GND	1	T	T	T	T	T	T	T	T	T	T	T																			
Rolla	SNOWFALL	T		T																												
	SN ON GND																															
Sharon	SNOWFALL																															
	SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T																		
Stanley	SNOWFALL																															
	SN ON GND	4	4	3																												
Wahpeton State School	SNOWFALL								-	-																						
	SN ON GND	4	4	4	3	3	2	1	-	-	-																					
Williston WB City	SNOWFALL							0.3	1.3																							
	SN ON GND	T	T	T	T																											
Willow City	SNOWFALL																															
	SN ON GND	T	T	T	T	T																										

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage*	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
[illegible]	0032	WALSH	10	48 20	98 06	-		6P	MYRON J. BATA	3
[illegible]ANDER	0096	MC LEAN	13	47 50	101 38	2400		6P	ARTHUR J. BAUMAN	3
[illegible]NT 1 SW	0136	MORTON	1	46 43	101 19	2300	7P	7P	HOGAN RAMSLAND	2 3 5 7
[illegible]E	0189	DIVIDE	12	48 58	103 28	2060		6P	JAMES A. OPPERUD	3
[illegible]IA	0196	CASS	11	47 00	97 13	960	5S	5S	VIRGIL L. GEBEKE	2 3 5 7
[illegible]ON	0209	SLOPE	1	46 30	103 19	2910	8A	8A	VIRGINIA M. ZUNDEL	2 3 5 7
[illegible]ER	0263	BOTTINEAU	12	48 58	101 20	1540		MID	W. H. WEGNER	3
[illegible]LLA STATE PARK	0369	GRAND FORKS	10	47 56	97 30	960	6P	6P	ALBERT THOREN	2 3 5
[illegible]EY	0382	MC INTOSH	8	46 02	99 22	2025	5S	5S	SOO LINE AGENT	2 3 5 7
[illegible]FILL DAM	0450	BARNES	11	47 02	98 05	1300	8A	8A	F. A. JOHNSON	2 3 5
[illegible]A	0500	PIERCE	11	48 10	100 02	1550		6P	ROYCE E. PAULSON	3
[illegible]RY	0514	MC HENRY	12	48 30	100 36	-		6P	TEMPLE K. ROBERTS	3
[illegible]M	0590	GOLDEN VALLEY	7	46 55	104 01	2814	6A	6A	HELEN TOBIAS	2 3 5 7
[illegible]OURT INDIAN RES.	0626	ROLETTE	9	48 50	99 45	1960	7P	7P	TURTLE M1. IND. AG.	2 3 5 7
[illegible]IELD	0639	STARK	4	46 52	103 11	2592	7P	7P	CARL INDERGAARD	2 3 5 7
[illegible]HOLD	0729	WARD	12	48 19	101 44	2080		6P	JOSEPH S. COX	3
[illegible]AM	0766	MERCER	6	47 16	101 47	1780		4P	KNIFE RIV. COAL CO.	3 7
[illegible]E	0796	TOWNER	2	48 37	99 22	1600	6P	6P	ROBERT J. KRICK	2 3 5 7
[illegible]ARCK WB CITY	0816	BURLEIGH1	8	46 48	100 48	1670	9A	9A	U.S. WEATHER BUREAU	2 3 5 7
[illegible]ARCK WB AIRPORT	0819	BURLEIGH1	8	46 46	100 45	1650	MID	MID	U.S. WEATHER BUREAU	2 3 5 7
[illegible]INEAU	0941	BOTTINEAU	12	48 50	100 27	1638	8A	8A	N. D. SCH OF FRSTRY	2 3 5 7
[illegible]ELLS	0961	BURKE	12	48 48	102 15	1953	8A	8A	FELIX L. ADAMS	2 3 5 7
[illegible]ELLS 5 E	0986	WARD	12	48 25	102 08	1925	8A	8A	DEVELOPMENT FARM	2 3 5 6
[illegible]AN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2872	5P	5P	O. B. HOOK	2 3 5
[illegible]AN 11 SE	0998	BOWMAN	3	46 04	103 19	-		6P	BERNARD L. GOMAGALA	3
[illegible]AN 30 NNW	1001	SLOPE	8	46 35	103 31	-		5P	ROBERT L. MANSON	3
[illegible]EN	1052	MORTON	1	46 24	100 57	1720		MID	FRANK E. POTTER	3
[illegible]ANAN	1124	STUTSMAN	5	47 04	98 49	-		MID	W. H. HENDRICKSON	3
[illegible]16 N	1216	HETTINGER	1	46 36	102 08			6P	JACOB GRNEBELE	3
[illegible]E	1225	MC LEAN	12	47 50	100 40	1880	5P	5P	FRED J. KLOKONOS	2 3 5
[illegible]O	1288	TOWNER	2	48 29	99 12			MID	HARRY E. HARRIS	3
[illegible]INGTON	1360	FOSTER	5	47 27	99 08	1579	7A	7A	SOO LINE AGENT	2 3 5
[illegible]ON	1365	GRANT	4	46 25	101 34	2300		MID	VINCENT MUGGLI	3
[illegible]ON 2 SW	1370	GRANT	4	46 23	101 35	2500	7P	7P	J. W. EVENS	2 3 5 7
[illegible]LIER	1435	PEMBINA	9	48 48	97 38	889	6P	6P	WILLIE HENSEN PICO	2 3 5
[illegible]ER	1456	OLIVER	8	47 07	101 18	2100	7P	7P	FRED L. HEINZ	2 3 5 7
[illegible]ATE	1686	STEELE	10	47 14	97 39	1180		6P	JOHN P. BURCHILL	3
[illegible]BUS	1696	BURKE	12	48 54	102 47	1930		6P	J. D. SUNDELL	3
[illegible]ERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	5P	5P	R. J. LOCKNER	2 3 5
[illegible]TENAY	1816	STUTSMAN	5	47 13	98 34	1523		5P	G. H. HANAWALT	3
[illegible]BY	1871	DIVIDE	12	48 54	103 18	1954	6P	6P	VERNON V. NICHOLS	2 3 5 7
[illegible]S LAKE WB CITY	2158	RAMSEY	2	48 07	98 52	1471	MID	MID	U.S. WEATHER BUREAU	2 3 5 6 7
[illegible]INSON CAA AP	2183	STARK	4	46 48	102 48	2587	MID	MID	U.S. CIVIL AERO ADM	2 3 5 7
[illegible]INSON EXP. STATION	2188	STARK	4	46 53	102 48	2460	7A	7A	DICKINSON EXP. STA.	2 3 5 6
[illegible]YBROOK	2242	WARD	12	48 31	101 53	1760		6P	FRED E. FELDNER	3
[illegible]E	2298	MC HENRY	12	47 55	100 22	1634	8A	8A	ED. J. EVANS	2 3 5
[illegible] CENTER	2365	DUNN	6	47 21	102 37	2191	6A	6A	CHARLES C. NEUSTEL	2 3 5 7
[illegible]AN	2472	BOTTINEAU	12	48 39	101 03	1500	7A	7A	SOO LINE AGENT	2 3 5
[illegible]Y EXP. FARM	2482	LA MOURE	5	46 20	98 42	1568	8A	8A	N.D. AGRI. EXP. STA.	2 3 5 6
[illegible]RE 1 W	2525	RAMSEY	2	48 25	98 29	1524	5P	5P	MIKE DAVIS	2 3 5
[illegible]OODS	2570	MC LEAN	8	47 35	102 09	2082	6P	6P	H. W. CASE	2 3 5
[illegible] 5 S	2592	GRANT	1	46 21	101 49	-		6P	ART A. ESLINGER	3
[illegible]DALE	2605	DICKEY	5	46 00	98 31	1460	8P	8P	PAUL GRESS	2 3 5 7
[illegible]GS	2735	WILLIAMS	8	48 18	103 21	2224	6P	6P	T. BEACHLER	2 3 5
[illegible]AD	2767	BENSON	11	48 02	99 46	1650		MID	LYLE O. FERING	3
[illegible]FIELD 8 N	2809	BILLINGS	7	47 19	103 12	2650		6P	MRS. EDITH LARSON	3
[illegible]D WB AIRPORT	2859	CASS	10	46 54	96 48	895	MID	MID	U.S. WEATHER BUREAU	2 3 5 7
[illegible]NDEN	2949	WELLS	5	47 39	99 37	1610	6P	6P	JOHN V. ZUBER	2 3 5
[illegible]ER	3009	MORTON	1	46 27	101 14	1930		8A	GEORGE M. SINCLAIR	3
[illegible]ON	3019	BURKE	12	48 54	102 23	1940		6P	PALMER M. DUNHAM	3
[illegible]ES 13 NW	3064	DICKEY	5	46 04	98 56	-		6P	THEODORE A WIRCH	3
[illegible]AN	3117	SARGENT	10	46 06	97 38	1249	6P	6P	ART WATERMAN	2 3 5
[illegible] YATES	3207	SIOUX	8	46 06	100 38	1640	5S	5S	STAND RK INDIAN AGY	2 3 5 7
[illegible]LM 7 N	3217	WARD	12	46 27	101 33	1609	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
[illegible]ORG	3277	BILLINGS	4	46 53	103 18	2790		7A	HERMAN J. MAY	3
[illegible]RTON	3287	DICKEY	5	46 10	98 25	1439	6P	6P	F. O. ALIN	2 3 5 7
[illegible]E	3309	LOGAN	5	46 38	99 08	1951	6P	6P	ALVIL HUMMEL	2 3 5
[illegible]SON	3376	MC LEAN	8	47 38	101 25	1911	MID	MID	ALBERT J. BEIRELE	2 3 5 7
[illegible] ULLIN 13 N	3501	MERCER	6	47 00	101 47	-		6P	CHRIST SCHILLING	3
[illegible]N VALLEY 10 S	3529	MERCER	6	47 10	102 03	-		6P	ROBERT H. BACKFISCH	3
[illegible]E CITY	3583	FOSTER	5	47 33	98 48	-		MID	IDA BONDERUD	3
[illegible]TON STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 5 7
[illegible] FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	834	MID	MID	U.S. CIVIL AERO ADM	2 3 5 7
[illegible] FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	MID	7P	UNIVERSITY OF N.D.	2 3 5 7
[illegible] RAPIDS 1 N	3665	LA MOURE	5	46 29	98 21	1360	6P	6P	ALBERT J. NESS	2 3 5
[illegible]TVILLE	3686	MC HENRY	12	48 16	100 51	1504	7P	7P	FRED ROBLE	2 3 5 7
[illegible]Y BUTTE	3696	MC KENZIE	7	47 24	103 14	2660		MID	SAM CHARCHENKO	3
[illegible]Y BUTTE 10 N	3701	MC KENZIE	7	47 31	103 14	-		6P	EDSEL G. CRIST	3
[illegible]RRA	3736	WILLIAMS	8	48 37	103 46	2114	5P	5P	L. D. NIELSON	2 3 5
[illegible]	3836	BOWMAN	3	46 58	103 08	-		MID	J. E. CRAWFORD	3
[illegible]RIDAY	3846	DUNN	6	47 21	102 20	2073		6P	JOHN KISSE	3
[illegible]INSON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
[illegible]AM	3936	CAVALIER	9	48 59	98 41	1570	6P	6P	U.S. CUSTOMS OFFICE	2 3 5 7
[illegible]ORO	3963	TOWNER	9	48 57	99 23	1597	7P	7P	CHARLES E. DISHER	2 3 5
[illegible]Y 3 NE	4013	WELLS	11	47 45	99 53	1596		6P	H. J. REYNOLDS	3
[illegible]ES 6 NE	4073	ADAMS	1	46 01	102 24	2640		MID	BYRON B. BOBB	3
[illegible]NGER	4178	ADAMS	3	46 00	102 38	2680	6P	6P	FRED O. FORTHUN	2 3 5 7
[illegible]NGER 17 N	4186	ADAMS	1	46 15	102 39	-		6P	O. J. GERBRACHT	3
[illegible]BORO	4203	TRAILL	10	47 24	97 04	901	6P	6P	ALFRED JAHNKE	2 3 5
[illegible]TOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1497	MID	MID	U.S. CIVIL AERO ADM	2 3 5 7
[illegible]STOWN ST HOSPITAL	4418	STUTSMAN	5	46 53	98 40	1457	7P	7P	N.D. ST. HOSPITAL	2 3 5
[illegible]ARE	4571	MC KENZIE	8	48 00	102 55	-		6P	DONALD M. LUND	3
[illegible]AL WILDLIFE REFUGE	4646	WARD	12	48 40	102 05	1800	8A	8A	THEO E. ECKBERG	2 3 5
[illegible]BEER 8 NW	4656	STUTSMAN	5	47 15	98 52	1440	7P	7P	U.S. WILDLIFE REFUGE	2 3 5 7
	4726	DUNN	7	47 26	102 53	2240		6P	LEONARD J. DAVIS	3 7
	4843	LA MOURE	5	46 18	98 57	1970		6P	JOHN STROEHL	3
[illegible]ON EXP. FARM	4958	CAVALIER	9	48 45	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5
[illegible]ORO	5002	BOTTINEAU	12	48 38	101 22	1600		6P	LOUIS SCHAEFER	3
[illegible]ORE	5013	GRAND FORKS	0	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
	5078	BENSON	2	48 17	99 26	1515	7P	7P	JOHN FAGER	2 3 5
[illegible] 10 E	5088	STARK	4	46 38	102 21	2580		5P	JOSEPH LINK	3
[illegible]N	5210	EMMONS	8	46 16	100 14	1711	8P	8P	WILLIAM HEYERMAN	2 3 5
[illegible]N.	5220	RANSOM	1	46 26	97 41	1091	7A	7A	ROBERT M. JODSAAS	2 3 5
[illegible]VILLE	5230	BARNES	1	46 39	98 11	-		6P	WILLIAM H. RUGH	3
[illegible]OOD 12 N	5320	BURKE	2	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
[illegible]OCK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	6P	6P	BENSON CY AGR SCHL	2 3 5
[illegible]AN EXP. STATION	5479	MORTON	4	46 48	100 54	1750	6A	8A	NO. G.P. FIELD STA.	2 3 5 6 7
[illegible]AN FT.LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
[illegible]NG	5519	DUNN	6	47 14	102 46	-		MID	DONALD JEFFERIES	3
[illegible]RTH	5573	SLOPE	7	46 18	103 55	2714	6P	6P	S. P. GRANE	2 3 5
[illegible]RTH M D U CO.	5575	SLOPE	7	46 18	103 55	2710		MID	E. B. JESTNES	3
[illegible]N	5610	SHERIDAN	11	47 50	100 07	1610		6P	WM PUTZ	3
[illegible]LLE	5638	MC LEAN	8	47 49	101 17	2093	7A	7A	SOO LINE AGENT	2 3 5
[illegible]	5660	TRAILL	10	47 30	97 19	975	6P	6P	M. A. RAGAZ	2 3 5 7
[illegible]USKY	5710	SHERIDAN	8	47 29	100 29	1943	6P	6P	ELMER L. SCHIELKE	2 3 5 7
[illegible]NRY 5 N	5730	EDDY	11	47 38	98 35	1509	7P	7P	C. E. BLASKY	2 3 5 7
[illegible]OD 3 E	5754	RICHLAND	11	46 24	97 14	1075	7P	7P	J. G. CARLSON	2 3 5
[illegible]LLE	5764	NELSON	10	47 46	98 11	1467		6P	H. H. KNIEFEL	3
[illegible]A 1 W	5798	STUTSMAN	8	46 53	99 19	-		6P	RUDOLPH GRAF	3
[illegible]A	5803	BILLINGS	7	46 55	103 31	2270		MID	JAY J. EATON	3
[illegible]RA 4 NNE	5813	BILLINGS	7	46 58	103 30	2250	5P	5P	U.S. FOREST SERVICE	2 3 5 7
[illegible]IA 11 N	5818	BILLINGS	7	47 04	103 32	-		6P	G. E. MESCHKE	3
[illegible]LLE	5833	FOSTER	5	47 20	99 02	1625		MID	EDGAR S. STEGMEIER	3
[illegible] CAA AP	5988	WARD	12	48 15	101 17	1724	MID	MID	U.S. CIVIL AERO ADM	2 3 5
[illegible] EXP FARM	5993	WARD	12	48 10	101 18	1720	6P	6P	N C AGRI EXP STA	2 3 5 7
[illegible]T 4 SE	6015	BURLEIGHT	8	46 40	100 14	1760		5P	U S FISH & W L SERV.	3
[illegible]L	6025	RENVILLE	12	48 46	101 31	1639	9P	9P	IVER JOHNSON	2 3 5 7
[illegible]ELIER	6105	STUTSMAN	5	46 42	98 35	-		6P	ROLF HANSON	3 7
	6155	HETTINGER	1	46 23	102 20	2420	5S	5S	FORREST E. COFFING	2 3 5 7
[illegible]CH 4 SW	6195	CAVALIER	2	48 38	98 53	1598	7P	7P	HAROLD FELDNER	2 3 5 7

Station	Index No.	County	Drainage*	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
NAPOLEON 1 SE	6255	LOGAN	8	46 29	99 45	1905	7P	7P	ANDY J. KOCH	3
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2621	6P	6P	ANTON STAHL	3
NEW ROCKFORD 7 WNW	6355	EDDY	5	47 43	99 16	1550		6P	RICHARD SIEBERT	3
NEW SALEM 1 S	6365	MORTON	4	46 [illegible]	[illegible] 25	2163	6P	6P	WILLIAM A. WEISE	3
NOONAN	6455	DIVIDE	12	48 53	103 01	1960		6P	GEORGE KOJTLA	3
NORTHGATE	6535	BURKE	12	49 [illegible]	102 16	1850		MID	U S CUSTOMS STATION	3
NORTONVILLE	6565	LA MOURE	5	46 33	98 44	-		6P	HENRY L. ERICKSON	3
OAKES	6620	DICKEY	5	46 [illegible]	98 05	1320	8A	8A	MRS. E.CARRIE MURRAY	2 3 5
PARK RIVER	6857	WALSH	10	48 23	97 45	998	5P	5P	MARTIN SEVERSON	2 3 5
PARSMALL	6867	MOUNTRAIL	8	47 57	102 08	1929	6P	6P	C. E. SHUBERT	2 3 5
PEMBINA 2 N	6947	PEMBINA	10	49 00	97 14	790	4P	4P	U S CUSTOMS & IMMIG	3
PETERSBURG	7027	NELSON	10	48 01	98 00	1524	5P	5P	REV. ODEAN MONSON	2 3 5
PETTIBONE	7047	KIDDER	8	47 07	99 31	1860	7P	7P	L. H. DETHLOFF	2 3 5
PINGREE	7117	STUTSMAN	5	47 10	98 54	1572		6P	JERRY W. TANGNEY	3
PORTAL	7201	BURKE	12	49 00	102 33	1954	9A	9A	U S CUSTOMS SERVICE	2 3 5
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	7P	7P	HERBERT J. CLARK	2 3 5
PRETTY ROCK	7311	GRANT	1	46 11	101 51	-		6P	FREDA LEER	3
REEDER	7450	ADAMS	3	46 06	102 57	2810		6P	HENRY A. DONNER	3
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2860		8A	CHAS. M. METZINGER	3
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2467	5P	5P	ASSUMPTION ABBEY	2 3 5
RIVERDALE	7585	MC LEAN	8	47 30	101 21	1910	8A	8A	CORPS OF ENGINEERS	2 3 5
ROLLA	7664	ROLETTE	9	48 52	99 37	1661	7P	7P	THE B. FAGERLUND	2 3 5
RUGBY	7704	PIERCE	12	48 22	101 00	1561	6P	6P	FRANK HORNSTEIN	3 5
RYDER	7749	WARD	8	47 55	101 40	2108		6P	S. C. SCHELLENBAUM	3 5
SAN MAVEN	7824	ROLLETTE	12	48 50	100 02	2001	6P	6P	N.DAK. STATE HOSP.	3 5
SANISH	7834	MOUNTRAIL	8	47 59	102 32	1835	7A	7A	H. J. BUGGE	3 5
SCRANTON	7932	BOWMAN	3	46 09	103 09	-		6P	HENRY M. SOEHREN	3
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	2183		7P	L. C. WILLON	3
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	-		7P	G. E. BURY	3
SHARON	7986	STEELE	10	47 36	97 54	1516	8P	8P	HUGH LYON	2 3 5
SHERWOOD 3 N	8047	RENVILLE	12	49 00	101 38	1647		6P	U S CUSTOMS SERVICE	3
SHEYENNE	8057	EDDY	11	47 50	99 07	1480		MID	ALVIN H. KENNEDY	3
SHIELD	8065	GRANT	1	46 14	101 07	-		6P	EDWIN O. CARLSON	3
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	7P	7P	LEROY EDWARDS	2 3 5
STEELE	8366	KIDDER	8	46 51	99 55	1857	6P	6P	TEELE MOORE PRESS	2 3 5
SYKESTON	8608	WELLS	5	47 28	99 24	1634		6P	EDWARD SONDAG	3
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		6P	GEORGE N. PILGARD	3
TIOGA	8737	WILLIAMS	8	48 24	102 56	2279		6P	L. A. SIMON	3
TOLLEY 4 NE	8764	RENVILLE	12	48 46	101 47	-		6P	CARMIE NELSON	3
TOWNER	8792	MC HENRY	12	48 21	100 24	1482	7P	7P	AUGUST B. RIEDER	2 3 5
TROTTERS 6 WNW	8807	MC KENZIE	13	47 21	104 01	2420		5P	WALTER GRUNEWALD	3
TURTLE LAKE	8840	MC LEAN	8	47 31	100 53	1899	5P	5P	ART KLUNGTVEDT	2 3 5
TUTTLE	8850	KIDDER	8	47 08	100 00	1880		5P	THEODORE C. OCHSNER	3
UNDERWOOD	8877	MC LEAN	8	47 27	101 08	2026	7A	7A	CLARENCE W. JOHNSON	2 3 5
UPMAN 3 N	8913	MC HENRY	12	48 37	100 44	1425	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	6P	6P	MISS. I.C. ROBERTSON	2 3 5
VAN HOOK	8970	MOUNTRAIL	8	47 57	102 21	1864	9P	9P	ERWIN A. VENTSCH	2 3 5
VELVA	8990	MC HENRY	12	48 03	100 55	1911	6P	6P	OSCAR ANDERSON	2 3 5
VERONA	9035	LA MOURE	5	46 22	98 04	-		10A	LOUIS J. FRANDSON	3
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	5P	5P	ST SCH OF SCIENCE	2 3 5
WALMALLA	9155	PEMBINA	9	48 55	97 55	950		6P	FELIX A. GASTONGUAY	3
WARWICK	9185	BENSON	11	47 51	98 42	-		6P	H. S. STINSON	3
WASHBURN	9195	MC LEAN	8	47 17	101 02	1731	6P	6P	FRED KRAUSE	2 3 5
WASHBURN WATER WORKS	9205	MC LEAN	8	47 17	101 02	1730		MID	WASHBURN WATER WKS	3
WATAUGA 8 N, S. DAK.	9219	GRANT	1	46 02	101 34	-		6P	JOHN C. SPICER	3
WATFORD CITY	9233	MC KENZIE	8	47 48	103 17	2084	8P	8P	J. C. ZELLER	2 3 5
WATFORD CITY 11 E	9238	MC KENZIE	8	47 47	103 02	-		MID	IDA PETERSON	3
WATFORD CITY 20 SE	9246	MC KENZIE	8	47 35	103 07	-		6P	MRS. AGNES MURRAY	3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 01	1508	6P	6P	REV. R CAREY	2 3 5 7
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		6P	JONATHAN WINKJER	3
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 35	1877	MID	MID	U S WEATHER BUREAU	2 3 5 7
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1471	8P	8P	O. M. SANDERSON	2 3 5 7
WILTON R R STATION	9455	MC LEAN	8	47 09	100 48	2159	8A	8A	SOO LINE AGENT	2 3 5
WISHEK	9515	MC INTOSH	8	46 16	99 34	2010	8A	8A	H. M. LARSON	2 3 5
WOODWORTH 5 E	9575	STUTSMAN	5	47 09	99 12	-		6P	JOHN ROHRER	3
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		6P	OLA SEVERTSEN	3
NEW STATIONS										
ENDERLIN	2695	RANSOM	11	46 38	97 36	2004	7A	7A	LEONARD PETERSON	2 3 5

*DRAINAGE CODE: 1. CANNONBALL 2. DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED 11. SHEYENNE 12. SOURIS 13. YELLOWSTONE

REFERENCE NOTES

Ths four digit identification numhsr column of tbe Station lndex are assigned on a state basis. There will hs no duplication of numhe within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from tbe post office.

Observation times given in the Station lndsx ars in local standard time.

Delayed data and corrections will be carried only in the June and Dscemher issues of this hulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 montbs will he carried in the June issue of this bulletin.

Stations appearing in ths Index, hut for wbich data are not listed in the tahles, are either missing or received too late to he included in this issue.

Unless otherwise indicated, dimensional units used in this hulletin are: temperature in °F., prscipitation and evaporation in inches, and wind movement miles. Degree days ars based on a daily average of 65°F. Evaporation is measured in the standard Weather Bursau type pan of 4 foot diameter unlsss otherwi shown by footnote following Tahle 6.

Sleet and hail were included in snowfall averages in Tahle 1, beginning with July 1948.

Amounts in Tahle 3 are from non-recording gages, unless otherwise indicated.

Data in Tahles 3, 5, 6, and snowfall data in Tahle 7 are for the 24 hours ending at time of ohservation. Ses the Station lndex for observation time.

Snow on ground in Tahle 7 is at ohservation time for all excspt Weather Bursau and CAA stations. For these stations snow on ground values are at 1830 C

-	No record in Tablss 3, 6, 7, and the Station Index. No record in Tahles 2 and 5 is indicated hy no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distrihution unknown.
//	Gage is equipped witb a windshield.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inchss of new snowfall.
M	One or more days of record missing; see Tahle 5 for detailed daily record. Degree Day data, if carried for this station, have heen adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage. All other data in Tahle 3 are from non-recording gages.
T	Tracs, an amount too small to measure.
V	Includss total for previous month.
SS	This entry in time of ohservation column in Station Index means ohservation made near sunset.

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CLIMATOLOGICAL DATA

NORTH DAKOTA

OCT 31 1952

MAY 1952
Volume LXI No. 5

NAT HIST.

KANSAS CITY: 1952

NORTH DAKOTA - MAY 1952

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

A drouth reminiscent of the year 1934 appeared to be developing over the state as May pre cipitation averaged far below normal following the driest April on record. April and Ma this year averaged only 0.81 inch which compared with 0.80 inch during the same period i 1934. The main difference is that more plentiful subsoil moisture this year carried th crops along unusually well. Nevertheless, almost all sections of the state stand in seriou need of a good soaking rain to enable the crops to carry through. Serious wild oats infes tation in some areas resulted in some fields being plowed up to be reseeded later under mor favorable conditions.

The mean temperature for the state was 55.3 degrees which is 1.4 degrees above normal. Th eastern division averaged 55.6 degrees which is 1.3 degrees above normal; the middle divisio averaged 55.4 degrees which is 1.6 degrees above normal; and the western division average 54.9 degrees which is 1.4 degrees above normal. The highest temperature for the month wa 95 degrees reported at Jamestown and Van Hook on the third. The lowest temperature was 2 degrees reported at Belcourt and Baldhill Dam on the 11th. Severe frosts were reported fro many stations mostly in the west portion as late as the 28th. Temperatures at some statio dropped to near the mid-twenties on that morning. The highest mean temperature reported wa 57.9 degrees at Wahpeton and the lowest was 51.7 degrees at Belcourt.

Precipitation for the state averaged only 0.68 inch which is 1.58 inches below normal. Th eastern division averaged 0.67 inch which is 1.82 inches below normal; the middle divisio averaged 0.61 inch which is 1.55 inches below normal; and the western division averaged 0.7 inch which is 1.40 inches below normal. In general the heaviest precipitation was reporte in the southwest, ranging to more than two inches at several stations. A few scattered sta tions in the southeast reported precipitation totaling near an inch for the month. The leas rainfall was 0.22 inch reported at Leeds and Balta in Benson and Pierce Counties. This the driest May since 1934 when the stage average was 0.36 inch. Every station in the sta reported precipitation considerably below normal except Reeder, which received 6.16 inche

Such a dry month was not very favorable for good development of crops over the state. A the beginning of the month the crop season was about a week earlier than usual on the ave age. Approximately three-fourths of the wheat and durum was seeded and in some areas h already emerged. Other grains were being seeded at a rapid rate. With continued dry weath many farmers soon stopped work, preferring to wait until a good rain was received. Top-so moisture was generally seriously short in most northern sections but ranged up to plentif in some southern areas of the state. Although subsoil moisture was generally adequate ov the state it was beginning to be short in some northeastern counties. This situation ge erally grew worse throughout the month with less than half of the counties reporting adequa subsoil moisture at the end of the month. The dry weather retarded the growth of vegetati to a large degree and prevented germination of a number of fields. Pastures also made ve slow progress particularly in the northern half of the state. In spite of this, livesto were in good condition during the month. There were only a few reports of livestock shipme because of feed shortages although it seemed to be generally agreed that more cattle would sold if feed conditions did not improve soon. The outlook for wild hay and other feed cro was not very good at the end of the month.

A hailstorm at Reeder on May 25 was quite severe and did some damage to buildings. Cr damage was very slight as it was early enough in the season to recover. Five inches of ha was reported on the ground. No other severe storms were reported during the month.--C

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages—percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	01–09	10–49	50–99	1.00–1.99	2.00 and over	Total		
marck WB Airport	E	10	10.4	52	NW	27	66	75	43	40	4	7	0	0	0	0	11	54	6.1
tls Lake WB City	-	-	8.2	33	NW	27	-	-	-	-	7	4	2	0	0	0	13	69	5.0
go WB Airport	NNW	14	12.4	42	W	5	63	69	37	39	7	5	1	0	0	0	13	69	5.9
lleton WB City	-	-	7.3	45	W	4	61	73	38	34	9	4	2	0	0	0	15	79	6.5

COMPARATIVE DATA

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ear	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
2	46.6	96	13	2.20	3.9	12
3	52.2	97	19	1.61	0.2	6
4	54.6	98	23	1.51	0.0	5
5	54.4	101	15	2.48	0.0	8
6	56.9	103	22	4.98	0.0	13
7	55.4	97	16	0.69	T	4
8	52.7	92	14	1.98	0.0	5
9	50.6	91	16	3.49	0.4	8
0	59.2	106	15	0.69	0.0	3
1	60.0	99	19	0.31	T	2
2	55.9	94	24	3.57	0.4	10
3	54.3	96	11	3.12	T	4
4	54.2	93	20	1.60	T	6
5	50.1	88	10	2.91	4.0	8
6	50.8	99	11	4.91	0.4	12
7	44.0	84	6	1.31	3.1	6
8	50.8	88	9	2.90	0.9	8
9	51.0	98	5	4.46	0.1	10
0	50.7	94	10	1.03	0.1	6
1	55.0	99	6	2.90	T	8
2	54.2	90	16	4.39	0.7	11
3	51.2	100	11	1.71	0.2	9
4	55.2	95	16	2.12	1.0	8

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1915	51.1	98	15	3.13	0.4	9
1916	51.0	95	7	2.10	0.3	8
1917	51.2	98	15	0.34	0.1	2
1918	51.7	99	6	2.27	0.5	9
1919	55.5	101	16	3.11	0.4	9
1920	53.9	89	20	1.76	0.1	7
1921	53.8	90	21	2.44	T	9
1922	56.3	93	24	3.39	0.1	12
1923	54.1	100	13	1.77	0.2	6
1924	46.9	84	15	0.81	0.0	5
1925	53.6	111	10	1.44	T	4
1926	58.5	105	10	2.20	0.0	7
1927	48.0	87	13	5.68	3.2	14
1928	58.2	107	16	1.08	0.0	5
1929	49.1	92	8	2.99	0.4	7
1930	50.8	98	18	2.62	0.7	9
1931	53.1	100	10	1.41	0.3	6
1932	55.9	98	25	2.15	2.2	6
1933	54.8	98	19	3.15	T	9
1934	63.6	111	18	0.36	0.0	3
1935	49.5	89	20	2.61	1.5	12
1936	61.0	100	20	0.80	T	4
1937	56.9	99	19	1.76	T	7

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1938	52.0	88	18	2.55	0.2	11
1939	60.1	104	18	1.55	0	8
1940	54.9	96	17	1.97	0.1	8
1941	58.3	98	21	2.94	T	12
1942	50.0	87	19	3.03	0.5	11
1943	49.9	96	15	2.21	1.0	9
1944	58.2	95	11	2.73	0.1	11
1945	47.7	84	10	1.54	0.5	8
1946	50.6	88	10	1.60	0.6	9
1947	49.9	87	13	1.11	T	7
1948	55.1	101	22	1.38	0.1	6
1949	56.6	93	19	2.34	T	9
1950	49.4	95	23	3.44	8.8	11
1951	56.6	94	21	1.15	T	6
1952	55.3	95	20	0.68	T	5

a for the period beginning with 1949 to date have been weighted for size of the area in each division and are not comparable with unweighted values published this table for earlier years.

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail: Total	Max. Depth on Ground	Date	No. of D: .01 or More	.50 or More
EASTERN DIVISION																						
Amenia	71.8	43.3	57.6M	2.9	91	3			251	1	0		0	.96	-1.84	.64	26	.0	0		4	1
Arvilla State Park	70.5	37.1	53.8M		91	3	23	12	349	1	0		0	.79		.31	26	.0	0		5	0
Baldhill Dam	74.8	39.6	57.2		94	4+	20	11		5	0	8	0	.52		.18	31	.0	0		5	0
Carrington	69.1	40.2	54.7	1.6	91	3	27	10+		2	0	8	0	.71	-1.78	.34	7	.0	0		6	0
Cavalier	71.1	41.3	56.2	2.6	89	3	31	10+	288	0	0	4	0	.65	-1.61	.23	7	.0	0		7	0
Cooperstown	70.0	41.5	55.8	2.0	92	3	27	11	304	1	0	3	0	.79	-1.74	.53	26	.0	0		4	1
Devils Lake WB City	67.7	41.0	54.4	1.8	90	3	27	11	337	1	0	4	0	.74	-1.29	.38	7	.0	0		6	0
Edgeley Exp. Farm	68.8	39.9	54.4	.0	87	4	26	12		0	0	4	0	.95	-1.61	.27	31	.0	0		7	0
Edmore 1 W	68.6	37.7	53.2	.0	88	3	21	11	371	0	0	8	0					.0	0			
Ellendale	70.9	43.0	57.0	1.7	90	3	29	10+	262	1	0	3	0	.70	-1.91	.20	30	.0	0		10	0
Enderlin	70.4	40.1	55.3		91	4	30	12		2	0	4	0	.68		.21	27	.0	0		6	0
Fargo WB Airport //	70.1	42.0	56.1	1.0	92	3	26	11	301	2	0	3	0	.47	-2.42	.24	26	.0	0		6	0
Fullerton	70.4	42.8	56.6	1.8	92	3	28	10+	277	2	0	3	0	.43	-2.56	.18	30	.0	0		6	0
Gackle	70.3	44.4	57.4	3.1	89	3	28	11	257	0	0	2	0	.38	-2.20	.16	26	.0	0		6	0
Grafton State School	71.1	40.6	55.9	1.8	89	3	30	6+	297	0	0	3	0	.40	-1.62	.22	7	.0	0		4	0
Grand Forks CAA AP	69.9	39.2	54.6	.4	93	3	26	11	341	2	0	6	0	.29	-2.21	.12	26	.0	0		5	0
Grand Forks Univ.	71.6	39.9	55.8	1.6	91	3	28	11	312	1	0	7	0	.34	-2.16	.11	7	.0	0		6	0
Grand Rapids 1 N	71.4	41.4	56.4		89	3	24	11	276	0	0	6	0	.56		.25	26	.0	0		6	0
Hankinson RR Sta.	69.6	44.7	57.2M	- .8	91	4+	31	10+		2	0	4	0	1.38	-1.48	.45	27	.0	0		6	0
Hannah	66.8	37.7	52.3	.7	87	3	22	11	390	0	0	8	0	.67	-1.44	.38	26	.0	0		5	0
Hillsboro	71.0	40.4	55.7	.9	91	3	29	10+	297	2	0	3	0	.89	-2.06	.67	20	T	0		5	1
Jamestown CAA AP	69.1	39.7	54.4	.3	91	3	23	11	340	1	0	5	0	.40	-2.37	.12	26	T	0		7	0
Jamestown State Hospital	70.1	41.9	56.0	1.9	95	3	26	11	298	1	0	5	0	.46	-2.31	.12	26	.0	0		6	0
Kensal Wildlife Ref.	69.3	38.6	54.0M				24	10	340		0		0	.72		.32	26	.0	0		3	0
Langdon Exp. Farm	68.9	37.8	53.4	1.6	87	2+	24	11	372	0	0	10	0	.66	-1.33	.30	7	.0	0		7	0
Larimore	70.3	41.0	55.7	2.3	90	3	30	10	312	1	0	4	0	.51	-2.22	.30	26	.0	0		3	0
Lisbon	72.3	40.2	56.3	1.5	94	3	27	12		4	0	9	0	1.09	-1.68	.43	27	.0	0		5	0
Mayville	70.0	40.7	55.4	.0	88	2	28	11	313	0	0	6	0	.24	-2.48	.10	7+	.0	0		3	0
McHenry 5 N	68.1	40.0	54.1	1.4	89	3	27	10+	343	0	0	6	0	.70	-1.61	.29	7	T	0		6	0
McLeod 3 E	70.8	42.6	56.7M	.9			27	11	277		0	3	0	.74	-2.27	.34	13	.0	0		3	0
Munich 4 SW	69.0	38.1	53.6		88	3	24	11	360	0	0	9	0	.50		.14	7+	.0	0		7	0
Oakes	69.2	42.4	55.8	.2	89	4	27	10+		0	0	4	0	.96	-1.75	.36	27	.0	0		8	0
Park River	70.6	41.7	56.2	2.6	88	3	30	10+	283	0	0	5	0	.70	-1.24	.37	7	.0	0		4	0
Pembina 2 N	72.6	39.3	56.0	2.8	92	3+	22	11	287	2	0	4	0	.47	-1.72	.30	7	.0	0		4	0
Sharon	68.7	41.7	55.2	1.1	89	3	27	10+	316	0	0	2	0	.40	-2.34	.30	26	.0	0		4	0
Valley City	71.5	42.7	57.1	2.5	92	3	28	11	264	3	0	5	0	.39	-2.39	.22	26	.0	0		3	0
Wahpeton State School	72.4	43.4	57.9	1.6	90	3+	29	11+	251	2	0	4	0	1.85	- .85	.70	21	.0	0		9	1
DIVISION			55.6	1.3										.67	-1.82			T				
MIDDLE DIVISION																						
Ashley	68.1	41.9	55.0	.8	89	3	25	11	317	0	0	4	0	.80	-1.60	.24	26	.0	0		6	0
Belcourt Indian Res.	66.8	36.5	51.7		87	3	20	11	415	0	0	10	0	.61		.39	26	.0	0		4	0
Bisbee	68.8	40.1	54.5M	1.8	90	3	27	11	340	1	0	3	0	.40	-1.75	.18	6+	.0	0		3	0
Bismarck WB City	69.6	45.1	57.4M	2.6	89	4	28	11		0	0	2	0	.36	-1.87	.16	7	.0	0		5	0
Bismarck WB Airport	69.7	41.5	55.6	2.6	92	3	24	11	297	1	0	4	0	.31	-2.01	.09	7	.0	0		7	0
Bottineau	67.4	40.1	53.8	1.5	88	4+	26	10		0	0	6	0	.43	-1.62	.16	26	.0	0		6	0
Butte	68.3	41.3	54.8M	.0	89	4	26	10		0	0		0	.57	-1.91	.25	7+	.0	0		4	0
Carson 2 SW	71.7	42.9	57.3M	2.8	92	3	26	10	255	1	0		0					.0	0			
Center	70.5	40.2	55.4M	.9	89	3	23	11	300	0	0	5	0	.62	-1.65	.40	7	.0	0		6	0
Drake	70.0	43.2	56.6M	1.9	90	4	29	10		1	0	3	0	.57	-1.51	.22	7	.0	0		5	0
Eckman	70.4	37.8	54.1	1.5	90	4	23	10		1	0	9	0	.57	-1.41	.16	26	.0	0		6	0
Fessenden	69.6	41.0	55.3	2.0	88	3	30	10	310	0	0	2	0	1.10	-1.18	.50	7	.0	0		6	1
Fort Yates	70.8	41.9	56.4	- .3	90	3	22	11	277	1	0	4	0	.74	-1.42	.22	8	T	0		7	0
Foxholm 7 N	72.4	40.2	56.3	2.1	93	3	26	8	288	2	0	6	0	.83	-1.20	.26	30	.0	0		5	0
Garrison	69.8	41.6	55.7M	2.1	90	3	25	10	295	1	0	4	0	.56	-1.77	.41	30	T	0		4	0
Granville	70.1	40.0	55.1M	2.2	91	3	25	10	313	1	0		0	.53	-1.50	.43	26	.0	0		3	0
Hansboro	68.2	37.0	52.6M	1.1	89	3			390	0	0		0	.55	-1.55	.38	26	T	0		4	0
Leeds	71.7	40.2	56.0		91	3	26	11	297	2	0	5	0	.22		.06	6+	.0	0		6	0
Linton	71.5	42.5	57.0	1.3	92	3	22	11	252	1	0	4	0	.52	-1.77	.16	8	.0	0		9	0
Maddock Agr. School	71.0	39.5	55.3	1.5	91	3	26	10+	312	1	0	6	0	.77	-1.28	.39	7	.0	0		5	0
Mandan Exp. Station	69.0	42.3	55.7	.6	89	4	26	11		0	0	3	0	.40	-1.86	.19	7	.0	0		5	0
Mandan Fort Lincoln Park	71.8	43.3	57.6		92	3	27	10	242	1	0	2	0	.42		.20	7	.0	0		4	0
Max	70.5	41.5	56.0	1.9	92	4	29	10		2	0	3	0	.67	-1.53	.22	31	.0	0		6	0
McClusky	69.2	43.0	56.1	2.1	90	3	28	10	288	1	0	4	0	.71	-1.75	.30	30	.0	0		5	0
Minot CAA AP	67.6	41.6	54.6	1.5	90	3	29	10	328	1	0	3	0	.60	-1.56	.32	26	T	0		4	0
Minot Exp. Farm	70.4	41.8	56.1M		90	3	26	10	293	1	0	5	0	.88		.39	26	.0	0		4	0
Mohall	70.9	38.6	54.8	1.7	90	3	27	10	315	1	0	7	0	.45	-1.53	.12	30	.0	0		7	0
Napoleon 1 SE	69.8	41.1	55.5	2.3	89	3	23	11	305	0	0	4	0	.65	-1.79	.19	30	T	0		6	0
New Salem 1 S	69.1	41.0	55.1	1.7	90	3	27	10	312	1	0	5	0	.61	-1.79	.28	7	T	0		6	0
Pettibone	68.1	42.8	55.5	2.3	88	3	30	11+	308	0	0	4	0	.84	-1.42	.39	26	.0	0		5	0
Riverdale	71.4	43.9	57.7M		90	4	28	10		1	0	4	0	.69		.48	31	.0	0		5	0
Rolla	67.4	40.0	53.7	1.7	88	3	29	11	355	0	0	4	0	.74	-1.38	.41	26	.0	0		4	0
Rugby	71.0	42.4	56.7		90	3	28	11	275	1	0	3	0	.44	-1.53	.17	26	T	0		8	0
San Haven	68.8	41.6	55.2		88	3	30	10+	316	0	0	3	0	.64		.29	26	T	0		6	0
Steele	70.4	42.1	56.3M	2.3	90	3	27	10	279	1	0	3	0	.68	-1.84	.28	31	.0	0		7	0
Towner	71.8	37.8	54.8	.5	87	1	24	11	323	0	0	9	0	.59	-1.62	.31	26	.0	0		3	0
Turtle Lake	69.0	41.6	55.3M	1.4	89	2+			311	0	0		0	.36	-1.81	.21	30	T	0		7	0
Underwood	69.3	40.3	54.8M	-1.5	89	4	26	10		0	0		0	.74	-1.38	.43	31	T	0		4	0
Upham 3 N	74.2	39.8	57.0		91	2+	24	10	266	2	0	5	0	.61		.29	30	.0	0		6	0
Velva	70.1	40.4	55.3	.7	90	3	26	11	314	1	0	7	0	.58	-1.60	.26	30	.0	0		5	0

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

Station	Temperature									No. of Days				Precipitation							No. of Days		
										Max.		Min.						Snow, Sleet, Hail					
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
nburn	71.4	41.9	56.7	1.4	91	3	28	10+	267	1	0	5	0	.48	-1.69	.40	30	.0	0		5	0	0
thope	69.8	39.2	54.5	1.4	91	3	25	10	322	1	0	6	0	.48	-1.40	.14	6+	.0	0		5	0	0
low City	69.9	37.3	53.6	1.4	90	3	23	11	357	1	0	9	0	.55	-1.36	.38	26	.0	0		3	0	0
ton RR Station	68.3	40.6	54.5M	.6						0	0		0	.82	-1.57	.40	7	.0	0		3	0	0
nek	67.9	38.2	53.1M	- .1			22	9+	364	0	0	4	0	1.02	-1.39	.36	26	.0	0		8	0	0
DIVISION			55.4	1.6										.61	-1.55			T					
WESTERN DIVISION																							
ont 7 SW	70.7	43.4	57.1		91	3	27	10	252	1	0	2	0	.72		.22	26	T	0		8	0	0
ion	68.5	41.2	54.9	1.4	91	4	26	28		1	0	3	0	1.20	-1.14	.39	22	.0	0		8	0	0
ch	68.7	41.9	55.3	2.3	91	4	23	10		1	0	2	0	1.07	-1.19	.44	26	.0	0		9	0	0
field	69.9	38.9	54.4	1.3	93	3	23	10	327	1	0	4	0	.86	-1.49	.29	14	.0	0		8	0	0
bells	69.5	38.7	54.1	1.7	90	4	25	10		1	0	7	0	.35	-1.93	.09	24	.0	0		7	0	0
bells 5 E	67.1	38.4	52.8M		89	4	23	10		0	0	8	0	.28		.08	26	.0	0		7	0	0
an Court House	69.7	40.1	54.9	1.3	90	3	24	28	314	1	0	5	0	1.45	- .87	.90	8	T	0		11	1	0
by	69.8	39.8	54.8M	2.5	91	3			316	1	0		0	.72	-1.25	.33	29	.0	0		5	0	0
inson CAA AP	68.4	40.2	54.3	1.6	92	3	26	10+	332	1	0	5	0	.28	-2.05	.20	25	T	0		4	0	0
inson Exp. Sta.	69.9	41.0	55.5	2.8	92	4	25	10		1	0	3	0	.42	-1.91	.20	26	T	0		7	0	0
Center	70.8	38.2	54.5	1.7	93	4	22	11		1	0	6	0	.71	-1.63	.35	26	.0	0		9	0	0
woods														.69	-1.50	.30	30	.0	0		4	0	0
ng	72.5	40.4	56.5	1.5	93	3	24	28	271	1	0	3	0	.36	-1.78	.22	18	.0	0		4	0	0
ora	67.0	40.1	53.6M	1.4	81	3	25	28	342	0	0	4	0	.63	-1.59	.55	30	.0	0		3	1	0
inger	68.8	43.2	56.0M	1.5	88	3	28	28	283	0	0	2	0	1.71	- .57	.90	8	T	0		8	1	0
are	69.5	39.3	54.7	.8	90	4	28	10		1	0	5	0	.64	-1.34	.20	24	.0	0		9	0	0
wood 12 N	69.3	39.3	54.3		89	3	27	10	331	0	0	6	0	.69		.43	30	T	0		8	0	0
arth	71.0	42.1	56.6M	3.0	93	3			254	1	0		0	.87	-1.42	.61	8	.0	0		6	1	0
ra 4 NNE	72.5	39.4	56.0		94	3	21	11	275	1	0	5	0	1.24		.83	26	.0	0		7	1	0
	68.0	41.0	54.5	- .1	90	3	26	28	327	1	0	3	0	1.47	- .79	.68	8	.0	0		7	1	0
England	69.3	40.8	55.1	1.9	91	3	26	10+	307	1	0	4	0	.90	-1.27	.36	8	T	0		7	0	0
hall	71.3	37.3	54.6	.6	91	3	21	11	326	1	0	8	0	.90	-1.27	.52	26	.0	0		8	1	0
al	68.4	38.6	53.5	1.4	90	4	27	28		1	0	7	0	.44	-1.63	.20	26	T	0		5	0	0
rs Lake 1 N	68.4	38.3	53.4	- .1	90	3	25	28+	365	1	0	9	0	.76	-1.39	.39	30	.0	0		5	0	0
ardton Abbey	70.4	42.9	56.7	2.8	90	3	27	10	270	1	0	3	0	.53	-1.93	.29	6	T	0		6	0	0
sh	70.4	36.9	53.7M	-1.5	93	4	23	11		1	0	10	0	.53	-1.42	.28	31	.0	0		6	0	0
ley	68.3	38.5	53.4		92	3	26	28	359	1	0	7	0	.60	-1.59	.60	30	.0	0		1	1	0
Hook	70.8	40.8	55.8		95	3	25	11	299	2	0	6	0	.67		.42	26	.0	0		3	0	0
ord City	71.3	41.3	56.3	1.8	93	3	25	28	277	1	0	4	0	.37	-1.62	.19	26	.0	0		5	0	0
iston WB City //	68.2	43.3	55.8	1.8	90	3	29	28	294	1	0	2	0	.32	-1.74	.14	25	T	0		6	0	0
DIVISION			54.9	1.4										.75	-1.40			T					
STATE			55.3	1.4										.68	-1.58			T					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station		Total	Day of month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S		.67		.05				.05	.31											T								.20	.04			.02	
ALEXANDER		.28						.01								T				.07								.10			.04	.04	
ALMONT 7 SW		.72						.05	.17	.03					T			T	.03	.05							.22			.15	.02	
AMBROSE		.47		.02				.03														.10					.07	.25	.01		.06	.08	T
AMENIA		.96							.18																			.64	.04				
AMIOON		1.20						T		.25	.18	T					.11		.07	T		T	.05	.39							.10	
AMIDON	R	1.00								.38						.08		.06					.02	.34				.02			.07	.03	
ANTLER	R	.90						.15			.02				.10			.05							.18			.05				.35	
ARVILLA STATE PARK		.79		.18					.15		.01											.14						.31					
ASHLEY		.80					.02			.13											.23							.24				.13	
BALOHILL OAM		.52							.12			.02	T			T						.12							.08	T			
BALTA		.22						.10													.02						.10					
BANTRY		-						T										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BEACH		1.07	.01					.01	.09	T	T							.05	.04	.01							.44	.30					
BEACH	R	1.20						.01	.11							.17	.14		.01								.45	.37			.03		
BELCOURT INDIAN RES		.61						.08	.01																		.39	T			.13		
BELCOURT INDIAN RES	R	.69						.13																			.43				.13		
BELFIELD		.86								T						.29	.03	.09	T	T		T	.06		.02		.28	.03	T	T	T		
BERTHOLD		.66	T					.01							.03					T					.03	.12	.16	.01			.32		
BEULAH		.76	T					.12												T							.38	.20				.06	
BFULAH	R	.69						.11																			.40	.13				.05	
BISMEE		.40						.18													.01							.18					
BISMARCK WB CITY		.36							.16		T	T						T		T	T							.03	.03	T		.04		
BISMARCK WB AIRPORT	R	.31						.06	.09		T							T	T	.01								.45	.37			.04	.06	
BOTTINEAU		.43		T					.08							T					T				T		.16	.07	.01				
BOWBELLS		.35							.02						.07											.09	.04	.07				.05		
BOWBELLS 5 E		.28			T	T			.04			T		.01				T								.04	.02	.08				.06		
BOWMAN COURT HOUSE		1.45						.07		.90	.05				.11	.05			.01	.01		.05	.08	.10			T			.02			
BOWMAN 11 SE		2.29					.05	.16	.11	1.00					T	.04					.29	T		.03			.56			.04	.01		
BOWMAN 30 NNW		.49								.21						.14								.05				.04			.05		
BREIEN	R	.46					.05			.25										.09											.07		
BUCHANAN	R	.64							.15																		.40				.09		
BURT 16 N		.47							.17																		.25			.05			
BUTTE		.57							.25							T											T	.05	T				
CANDO	R	.37						.09	.15									.02									.10				.03		
CARRINGTON		.71							.34									.05			.06	.05						.09					
CARSON	R	1.06						.16	.06	.49										.20							.05				.10		
CARSON 2 S W		-						.05	.79	.54					.03					.76							-	-	-	-	-		
CAVALIER		.65		.13				.04	.23		.03	T						T									.19	.02	.01				
CENTER		.62						.07	.40											.05							T				.03		
COLGATE		.41							.05		.02					.07						.19			.02	.05		.08					
COLUMBUS		.31						.02								.08						.08						.12				.10	
COOPERSTOWN		.79						T	.10		T				T						T							.53				T	
COURTENAY		1.11						T	.19		.02				.01												.16	.50	T			.40	
CROSBY		.72		T				.03																				.19			.33	T	
CROSBY	R	-																									.20	.12			.11	.16	
DEVILS LAKE W B CITY	R	.74		T				.05	.38		.02				T		T			T	T				-	-	T	.25	T			.03	
DICKINSON CAA		.28						T	T	T						.03		T	.03	T			T				.20	.02			T		
DICKINSON EXP STA		.42						T	.01			T				T	.09		.01	.01	.06		T					.20				T	
DONNYBROOK		.65											.01							.02								.04	.05			.03	
DRAKE		.57							.22													.03						.02					
DUNN CENTER		.71						.02	.01		T				T	T		.15	.02	T	.01							.09	.05				
FCKMAN		.57							.03							.09		T			.02	.25					.03	.35	.18			.01	
EDGELEY EXP FARM		.95					T													T	T	T						.16	T			.10	
EDMORE 1 W		-	.17	T				.10	.19						T												.01	.25				.06	
ELBOWOODS		.69						.02			T							T	T	.40	T						T	.07	T			.30	
FLGIN 5 S		1.15					T	T	.06	.58	T				.02	T		T	T	T	.02	.08	.01				.18	T			.01	.20	
ELLENDALE		.70					T	T	.03	.03	.04							T	T	T									.21			.04	
ENDERLIN		.68			-					.06						.09				.22											.02	.08	
EPPING		.36																							.04								
ESMOND	R	.41						.03	.17					.01				.09									.08					.12	
FAIRFIELD 8 N		.68						.04	.04																		.41					.10	
FARGO WB AIRPORT	R//	.47		T				T	.08		T	T				.02					.07	.04					.24	T	T	.02	T		
FESSENDEN		1.10						.02	.50		.02										.03						.30	T				.23	
FLASHER		.60						.02	.26		.20																		.05				.02	
FLAXTON		.25						T										T							.06	T	.02	.09				.08	
FORBES 13 NW		.44						T			.06	T			.04						.05	T						.07				.15	
FORT YATES		.74						T												.10	.06						T					.15	
FORT YATES	R	.66				.03	.07	.10	.01	.22	T									.09	.04											.13	
FOXHOLM 7 N		.83						.10		.20								.20			.20				.02			.15				.26	
FRYBURG	R	.46						T								.09																	
FULLERTON		.43					.02		.03	T								T			.02	.05					.27	.10				.18	
GACKLE		.38							.03		.03						T			T	.05							.13	T		T	.03	.08	
GARRISON		.56						.04	T									.02					T					.09			T	.41	
GLEN ULLIN 13 N		.68						.10	.18											.03				.04				.15			T	.18	
GOLDEN VALLEY 10S		.58						.12												.24							.05					.17	
GRACE CITY	R	.75							.21							.02					.11							.15				.26	
GRAFTON STATE SCHOOL		.40		T				T	.22	T								T				.06					.14	.01	.03		T		
GRAND FORKS CAA		.29		.02				T	.08		T	T										.09	T				.12	.01					
GRAND FORKS UNIV		.34		T	.02			T	.11		.01																.06	.05	T				
GRAND RAPIDS 1 N		.56							T	T					T						.07	.10					.25			.02	.05		
GRANVILLE		.53						T																			T	.43	T			.09	
GRASSY BUTTE	R	.97			.16				.07		.06							.09							.05		.25	.15			.04	.10	
GRASSY BUTTE 10N		.52						.01	.03		.02								.12						T	T	.20				.02	.06	
GRENORA		.63		.03	T																						.05					.55	
HALEY	R	-			-	-	-	-	-	-	-	-							T	T							T	.46		T	.04		
HALLIDAY		.55						.05																			.25	.19			.03	.04	
HALLIDAY	R	.56						.05								.22						.11	.30						.45			.27	
HANKINSON R R STA		1.38													T													.38	.02				
HANNAH		.67		.03				.15	.09																								
HANSBORO		.55						.12	.02						T													.38	T			.03	
HARVEY 3 NE		.90						T	.25			T						.03			.02							.25				.35	
HAYNES 6 NE	R	1.27					.02	.18	.10	.59	.21							.07	.10														
HETTINGER		1.71						.34	.02	.90	.01				.02				.24			.12	.06	T									
HETTINGER 17 N	R	1.25						.04		.75								.03				.05					.34				.04		
HILLSBORO		.89						T	.10		T	T			T	.01						.67						.06	.05				
JAMESTOWN CAA		.40						T	.06		.02	T			.05			T			.01	T						.12	T	T	.09	.05	
JAMESTOWN STATE HOSP		.46							.05		T				.11							.06						.12			.06	.06	
KEENE		-	-	-	-	-	-	-	-		T							.02	.01						T			.16			.01	.08	
KENMARE		.64							.10		.01				.12			.07				.07				.20	.02	.02				.03	
KENMARE	R	-						.10								.12	.01	.08				.07		.20	-	-	-	.02				.03	
KENSAL WILDLIFE REF		.72							.19									.03										.32				.21	
KILLDEER 8 NW		1.00								.13	.02							.05			.26						.07	.84				.06	
KULM		.86																			T							.33			T	.07	
LANGDON EXP FARM		.66		.10	.02			.07	.30																			.13	.02				
LANSFORD		.40						.08																	.07			.10				.08	
LARIMORE		.51		.05				T	.16						.02			.05										.30	T				
LEEDS		.22						.06	.04		.03				T					T	.02							.06	T			.01	
LEFOR 10 E		.44							.15	.15					T	T		T				.04	.02					.04			.08		
LINTON		.52					.04		.05	.16									T	T	.02	.01						.01			.01	.12	
LISBON		1.09							.10								.17					.36							.43			.03	
LITCHVILLE		1.17							.08		.01				.48						.07	.08						.28			T	.09	
LOSTWOOD 12 N		.69						.05							.07		T		T	.03					.03	.01	.02	.05	T			.43	
MADDOCK AGR SCHOOL		.77	T					.02	.39		.01					T		T			T							.23	T			.12	
MANDAN EXP STATION		.40		T					.19			T				T				T	.05							T	.01			.06	
MANDAN FT LINCOLN PARK		.42							.20						T					T	T							T			.09	.10	
MANNING	R	.75						.03																			.46	.24			.02		
MARMARTH		.87			T	T		.02		.61	.01				T	T		T		.07			.08				T				.08	T	

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

NORTH DAKOTA
MAY 1952

Station		Total	Day of month																											
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ARMARTH M O U CO	R	.92						.01		.74											.07								.05	.05	
ARTIN		.91						T	.40									T									.31			.20	
AR		.67		T					.13									T			.02						.17	.05		.08	.22
AYVILLE		.24		T					.10		T				T	T						.04					.10	T			
C CLUSKY		.71							.14									.05			.07						.15			.30	
C HENRY 5 N		.70						T	.29							.05					.04						.17	.01		.14	
C LEOD 3 E		.74													.34						.21								T		.19
C VILLE		.57		T				T	.30													T					.27				
FDINA 1 W		.85							.12												.07						.45		.10	.11	
FDORA	R	.86																				.10				.58	.18				
FDORA 4 NNE		1.74							.03		T					.06				.02		.13			.05		.10	.83		T	T	
FDORA 11 N		.40							T	T								.08								T		.15	.17		T	
FLVILLE	R	.78							.40																			.15				
FNOT CAA		.60						T			T				T		T	.20		T				T		T		.32	.01	T	.23	
FNOT EXP FARM		.88		T				.08										.17		T				T	T	T		.39	T		.24	
FFIT 4 SE		.40							.10							T				T	.06				T			.09	T		.02	.10	.03
GHALL		.45	T					.10	T						.03			.05							.07	.03	T	.05	T			.12	
GWTPELIER		.57							.07		.02	T			.09						T	.06					.14	T		.03	.16	
HTT		1.47		T				.01	.20	.68	T				T	.03			.05		T	T				.48	T			.02	T	
HNICH 4 SW		.50		.03				.08	.14		T										T						.14	.01			.07	.03
APOLEON 1 SE		.65							T		.04	T				T				T	.15		T				.09	T		.02	.19	.16
APOLEON 1 SE	R	.59									.03									.02	.15						.07			.02	.26	.04
EW ENGLAND		.90							.02	.36						T			T		T	.05	.05	.09						.02		
EW ROCKFORD 7 WNW		.83						.02	.38	T		T				T					.07					.24	.17			.09		
EW SALEM 1 S		.61						.12	.28		T									.02						T	.08			.05	.06	
ONAN		.92																														
ORTHGATE	R	.93																				.08				.05	.40	.05			.20	.21
ORTONVILLE		.81							.08							.02						.13	.02		.23		.10				.55	
KES		.96				.04			.02				T			.05			T								.34				.29	
RK RIVER		.70		.15				T	.37																			.17	.36		.09	.25
RSHALL		.90						.01			T				.02					.12					.02	.02		.52			.17	.02
SMARINA 2 N		.47						T	.30		T					.03												.13	.01			
TTIRONE		.84							.32									.03									.39			.06	.04	
TTIRONE	R	.87							.32									.04									.40			.11		
NGREE		.74							.14						T						T						.37			.23		
RTAL		.44			T				.03																							
WERS LAKE 1 N		.76			T			.02			T				.01				.17						.08	.04	.20	T		.09		
ETTY ROCK		1.30				.04	.16	T	.68	.02					T				T	.40		T	T		T		.17			.39		
EDER		6.15				.13	.11	.15	.95											.15		.22	.13	.30		4.00	T		T	T		
FDER 14 N		1.46					.05	.32			.89						.05				T	.03	.06								.06	
CHARDTON ABREY		.53						.29	.04	T	T				T	T	T	T	.02	T							T	.06	T		.08	T	.04
CHARDTON ABREY	R	.57						.28	.06										.02								.05	.02				.13	.01
VERDALE		.69	T					T	.03		T	T						T		T	T				T		.13	.03			.02	.48
LLA		.74						.12																		T	.41	.01			.20	
GRAY		.44						.06	.01						T			.05		T	.03						.17	.01			.10	.01
DER		1.01						.02							T					.22												
DER	R	1.01																		.20							.53			.24		
N HAVEN		.64						.20										.05								T	.53			.28		
NISH		.53							.01						.02												.29	.01		.07	.02	
RANTON		1.73						.10		1.03					.04	.02				.03	.01	.05	.03	.21		.10	.07	.05			.28	
LFRIDGE 11 W		.82				.09	.16			.30												.02					.20	.01		T		
NTINEL BUTTE 20 S		1.03					T	T	T	.30						.28							.20				.18			.07		
ARON		.40					T	.06								.02					T	.02					.13					
ERWOOD 3 N		.59			T		.04								T										.11		.30			T		
EYENNE	R	.83					.03	.45										.04								.03	.04	T			.31	.02
IELDS		.50				.02	.06	.05		.35							.02										.17				.18	
ANLEY		.60						T																							.60	
ANLEY	R	.64													.04																	
EELE		.68							.17		T					.01					.06		T				.08			.09	.51	
KESTON		.55						T	.23		T				T			T			.13						.19			.04	.04	.28
GUS		.71	T					.01																						T		
OGA		.74													.05			.03		T					.03	.01	.23	.01			.35	
LLEY 4 NE		.50						.06																	.19		.25		T	T	.30	
WNER		.59						.03							.04		T								.10						.30	
OTTERS 6 WNW		.37						.08	.05		T					.05		T	T								.31				.25	
RTLE LAKE		.36	.02					.01	.07																	.09	.08	T		.02	T	
TTLE		1.06						.01	.35						T		T	.01		T						.01	.03				.21	
DERWOOD		.74							.12												.14						.27	T			.15	.14
HAM 3 N		.61						.05							.01	T		.02									.16		.03			.43
LLFY CITY		.39							.12		T				T								.05				.19	T			.29	
N MOOK		.67						T							T			T		T							.22	.05				
LVA		.58						.04	.01											.07					.15	T	.42			T	.10	
RONA		.24																				.03					.20			T	.26	
HPETON STATE SCHOOL		1.85							.02													.18	.70				.15		T	T	.06	
LHALLA		–		.22					–							.13					.03						.09	.40		T	.18	.12
RWICK		.55						.35																			.23					
SHBURN		.48						T	.03																	T	.20					
SHBURN WATER WKS	R	.50						.08	.02									T		.02								.02		.40	.01	
TAUGA 8 N S OAK		1.16				.07	.22	T	.57																	T					.40	
TFORD CITY		.37						.04	.03						T					.24			T						.03	.03	
TFORD CITY 11 E	R	.41							.02																.06		.19			.05		
STHOPE		.48						.14								.02									.14							
LDROSE		.44		T				.02							.03							.04			T	.03	.14				.09	
LLISTON WR CITY	R//	.32		T	T			.05	T		T				T	T			T	T						.02	.30		T		.13	
LLOW CITY		.55		T				.05							T										T	.14	.10	.01		.01	.07	
																					T						.38				.01	
LTON RR STATION		.82		T					.40												.11										.12	
SMEK		1.02					.05		.08		.03					T		T			.26		T									.31	
DWORTH 5 E		.60							.19							T		.03			.03						.36	T		.03	.06	.15
HL		.88		T	.01										T	T											.32	T			.03	
																											.23	T		.07	.57	

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	80	86	91	77	77	73	65	52	59	62	69	71	81	70	74	56	61	64	65	75	74	76	79	81	83	73	56	65	59	70	69	70.
	MIN	49	51	53	58	44	46	46	42	39	27	34	38	46	44	40	34	39	44	42	39	44	50	48	48	48	54	43	30	39	44	43	43.
AMENIA	MAX	85	89	91	89	74	66	68	63	61	60	64	79	77	69	65	62	58	69	71	64	74	78	80	81	80	78	62	63	70	70	65	71.
	MIN	56	51	50	53	51	33	48	36	31		31		36	47	38	24	37	34	43	48	48	46	48	48	59	53	44	38	36	41	48	43.
AMIOON	MAX	79	76	85	91	71	67	71	68	51	56	58	64	69	81	60	65	62	59	65	68	70	71	70	75	75	81	63	51	63	70	69	68.
	MIN	41	52	53	55	42	44	39	39	35	28	33	33	42	48	41	34	39	42	31	45	42	44	45	45	48	51	40	26	39	41	39	41.
ARVILLA STATE PARK	MAX	85	88	91	86	74	62	65	69	61	54	64	70	74	66	62	60	59	67	69	64	76	80	82	80	81	76	62	61	69	65	65	70.
	MIN	47	46	46	58	44		47	30	42	30	27	23	30	41	27	35	32	31	37	33	31	38	39	51	35	38	43	34	25	38	35	37.
ASHLEY	MAX	80	83	89	87	68	64	66	53	58	52	60	68	80	72	69	60	58	66	59	69	71	68	75	79	80	72	58	61	60	62	64	68.
	MIN	45	48	49	59	43	43	49	37	40	28	25	28	41	50	45	40	31	38	45	38	43	50	50	47	40	50	38	34	40	44	42	41.
BALOHILL DAM	MAX	92	88	92	94	90	70	68	70	64	60	66	70	80	80	70	70	60	66	70	70	72	78	80	94	82	88	68	58	72	68	68	74.
	MIN	50	48	46	54	48	34	42	30	38	26	20	24	30	46	30	40	30	30	42	48	40	48	48	52	38	54	42	36	36	40	38	39.
BEACH	MAX	79	77	83	91	68	69	75	61	50	58	60	66	71	81	63	66	54	59	68	72	71	72	73	78	77	82	62	52	64	65	63	68.
	MIN	44	47	55	55	40	46	44	41	33	23	34	38	46	49	38	33	41	43	37	47	44	43	48	46	50	53	41	27	35	40	37	41.
BELCOURT INDIAN RES	MAX	81	83	87	80	60	62	59	68	58	55	63	61	76	64	59	50	60	62	67	68	72	77	78	74	73	70	54	61	64	59	65	66.
	MIN	47	54	50	50	41	33	43	28	36	28	20	31	35	38	29	34	28	38	36	31	36	38	42	40	35	46	35	32	28	40	30	36.
BELFIELD	MAX	78	87	93	78	69	78	65	51	59	61	60	73	82	74	67	53	62	70	72	73	72	76	81	80	78	82	56	64	65	62	66	69.
	MIN	38	44	43	55	40	44	45	35	31	23	32	36	39	39	39	34	39	42	38	39	39	42	41	41	43	43	39	26	38	39	40	38.
BISBEE	MAX	83	87	90	86	67	60	60	70	61	61	68	70	76	65	59	52	60	68	65	69	74	80	75	75	73		56	63	66	60	66	68.
	MIN	57	50	52	54	42	46	46	34	34	29	27	33	38	39	32	36	33	41	39	34	38	43	47	48	50		39	33	33	42	33	40.
BISMARCK WB CITY	MAX	86	82	86	89	83	74	69	65	53	53	56	62	71	83	68	69	58	60	64	59	72	71	76	77	77	81	68	52	65	60		69.
	MIN	48	52	57	60	49	47	52	43	41	30	28	34	46	49	44	45	34	48	48	42	43	51	47	47	45	60	44	35	43	46	40	45.
BISMARCK WB AIRPORT	MAX	83	86	92	82	72	70	64	56	58	57	65	70	82	69	69	58	59	66	61	72	72	76	79	81	83	70	52	64	62	63	67	69.
	MIN	45	47	52	53	47	43	42	38	37	27	24	30	44	48	40	38	30	46	45	36	41	48	43	45	43	43	43	33	35	41	46	41.
BOTTINEAU	MAX	80	82	84	88	88	59	62	61	69	53	57	61	68	79	65	57	54	59	63	65	71	73	77	79	75	71	62	44	63	68	51	67.
	MIN	48	49	58	56	40	35	45	30	38	26	27	38	43	43	36	37	31	42	43	38	40	48	48	44	38	48	37	28	35	42	32	40.
BOWBELLS	MAX	81	82	83	90	71	66	61	62	70	54	59	69	72	81	66	62	62	60	66	78	73	73	78	82	75	80	63	45	65	68	57	69.
	MIN	48	47	49	50	38	33	40	31	33	25	30	36	47	34	30	40	30	44	38	42	41	40	45	47	46	50	36	27	33	41	29	38.
BOWBELLS 5E	MAX	77	81	80	89	71	64	55	62	69	54	60	70	79	81	63	69	52	57	63	67	69	70	75	78	72	77	61	43	62	62	49	67.
	MIN		47	49	49	38	32	40	32	36	23	30	48	36	34	32	39	31	43	36	42	39	39	45	46	44	54	35	27	35	40	30	38.
BOWMAN COURT HOUSE	MAX	75	83	90	85	67	75	74	69	56	56	63	67	79	70	64	62	57	62	68	71	71	70	75	76	80	78	61	62	66	64	64	69.
	MIN	40	46	50	53	38	43	43	35	33	27	31	36	40	47	44	32	39	36	31	44	46	47	45	45	45	48	38	24	40	40	37	40.
BUTTE	MAX	82	82	84	89	78	67	63	64	64	51	57	65	69	80	65	64	53	59	65	63	70	72	77	78	76	80	66	48	62	67	56	68.
	MIN	49	53	47	60	41	41	46	38	41	26	29		40	39	33	41	30	38	42	42	39	42	44	46	42	55	42	37	37	44	36	41.
CARRINGTON	MAX	86	83	91	90	89	67	60	65	63	54	55	64	68	78		66	56	61	64	65	64	70	71	79	72	79	69	50	65	65	65	69.
	MIN	48	48	49	53	49	43	43	41	39	27	27	29	32	44	32	36	30	33	42	46	37	43	46	48	43	52	41	32	32	42	38	40.
CARSON 2 S W	MAX	83	88	92	80	72	74	66	55	58	60	66	71	84	69	71	61	60	68	60	71	71	74	74	80	85							71.
	MIN	45	49	53	58	44	45	48	40	35	26	29	36	42	47	42	38	38	41	42	39	43	49	44	48	51							42.
CAVALIER	MAX	85	84	89	88	75	65	66	72	65	57	65	71	76	69	61	58	60	67	70	68	75	82	83	80	80	75	60	61	67	65	64	71.
	MIN	50	56	50	56	46	32	47	38	43	31	31	36	36	40	37	38	43	40	42	36	37	44	46	45	53	49	39	35	31	40	33	41.
CENTER	MAX	84	85	89	77	69	70	61	56	57	58	66	71	81	73	68	63	64	67	62	72	73	78	78	78	82	73	72	63	63	66	67	70.
	MIN	57	42	48	58	41	41	48	34	37	24	23	28	43	46	37	43	29	42		35	39	50	42	45	46	38	37	33	30	46	43	40.
COOPERSTOWN	MAX	83	88	92	88	75	65	65	64	56	52	62	68	77	74	64	59	57	65	69	63	74	77	81	79	80	76	58	61	67	65	65	70.
	MIN	49	50	53	61	45	35	48	34	40	28	27	30	37	45	33	42	35	35	47	44	41	47	48	48	42	51	40	35	36	43	37	41.
CROSBY	MAX	82	76	91	75	57	56	62	68	61	61	69	73	80	74	63	53	59	67	73	75	74	74	81	75	81	68	62	68	70		66	69.
	MIN	47	43	51	49	37	38	34	32	31	30	30	37	49	41	44	33	31	43	36	40	41	39	47	47	47	51	33	39		43	32	39.
DEVILS LAKE W B CITY	MAX	83	87	90	84	64	63	62	67	50	55	63	68	76	65	60	55	59	64	62	69	73	78	79	76	77	68	48	62	69	60	64	67.
	MIN	51	52	52	52	41	36	45	41	33	32	27	32	43	42	32	40	37	42	41	38	40	47	52	50	43	45	38	35	35	43	35	41.
DICKINSON CAA	MAX	78	86	92	72	68	74	63	49	58	59	65	70	81	66	67	52	55	66	68	72	74	74	78	78	81	64	53	63	60	67	66	68.
	MIN	44	46	52	45	40	45	41	36	30	26	30	35	45	44	40	36	41	40	38	41	45	47	45	45	48	41	30	26	41	41	41	40.
DICKINSON EXP STATION	MAX	81	80	83	92	71	70	75	69	53	62	61	66	72	82	67	68	52	58	66	70	74	71	75	80	79	81	65	55	61	60	68	69.
	MIN	41	45	49	56	41	45	47	39	38	25	28	36	45	44	37	37	37	44	36	40	45	48	40	42	42	52	40	28	41	43	40	41.
DRAKE	MAX	83	86	85	90	79	67	66	63	65	52	59	65	70	80	67	67	56	68	66	63	70	72	78	79	77	80	70	50	64	67	67	70.
	MIN	52	54	55	63	43	42	48	41	42	29	33	44	43	41	40	43	32	44	44	40	41	49	50	49	45		40	32	39	45	34	43.
DUNN CENTER	MAX	82	79	87	93	72	71	73	66	56	60	63	67	73	84	70	70	54	60	69	70	74	75	77	80	80	82	65	53	64	60	67	70.
	MIN	45	42	49	53	40	36	45	31	36	26	22	32	42	42	36	39	40	40	30	36	37	42	45	41	38	40	39	27	36	44	36	38.
ECKMAN	MAX	82	83	87	90	85	67	65	63	70	58	62	68	70	80	65	60	62	65	67	69	71	74	78	81	76	78	65	49	64	70	58	70.
	MIN	51	46	50	52	35	32	37	25	37	23	24	30	43	40	31	38	32	35	37	38	36	44	48	45	44	51	36	28	33	41	30	37.
EDGELEY EXP FARM	MAX	84	81	84	87	78	70	63	69	56	60	56	64	68	80	70	66	62	61	64	56	66	70	71	77	81	79	67	58	62	61	63	68.
	MIN	48	50	49	49	49	36	41	34	35	32	28	26	35	45	47	34	30	33	41	42	38	45	45	44	41	47	40	34	35	43	40	39.
EDMORE 1 W	MAX	85	85	88	86	66	63	66	68	57	55	64	63	74	65	61	56	60	64	64	66	73	80	80	77	80	68	57	62	64	59	70	68.
	MIN	44	48	48	56	41	26	45	32	39	28	21	29	35	39	28	38	38	34	39	33	35	44	46	43	35	52	39	33	32	41	29	37.
ELBOWOODS	MAX																																
	MIN																																
ELLENDALE	MAX	82	87	90	88	78	68	70	64	59	54	65	70	79	78	70	65	59	64	59	69	75	72	78	83	83	72	61	63	61	66	67	70.
	MIN	49	51	53	55	52	32	48	38	42	29	29	33	33	50	43	41	33	37	44	46	42	49	50	48	46	53	43	37	37	46	43	43.
ENDERLIN	MAX	89	83	88	91	90	70	60	68	60	59	51	63	69	78	69	66	61	60	66	65	63	73	75	79	81	80	71	59	64	62	70	70.
	MIN	50	50	52	51	53	33	39	31	36	32	31	30	35	42	33	33	33	34	47	47	42	41	41	47	45	47	43	33	34	34	44	40.
EPPING	MAX	83	88	93	85	68	65	63	69	60	62	68	76	83	75	65	58	63	72	77	75	75	78	82	77	82	80	63	68	66	60	70	72.
	MIN	49	50	48	40	33	44	39	34	37	38	34	38	49	45	34	32	38	44	36	41	41	43	48	48	50	51	35	24	43	38	29	40.
FARGO WB AIRPORT	MAX	83	88	92	91	70	66	67	63	58	49	63	67	73	68	65	60	60	67	69	64	75	76	79	81	80	78	58	61	67	68	66	70.
	MIN	53	53	56	61	46	33	44	33	38	31	26	30	36	40	33	43	35	35	46	47	45	46	45	47	43	50	41	38	37	44	46	42.
FESSENDEN	MAX	84	85	88	86	70	65	62	62	60	55	64	69	78	77	65	59	60	64	65	69	72	76	78	78	80	74	60	63	66	58	66	69.
	MIN	45	49	50	62	39	35	48	36	37	30	33	34	43	44	37	41	31	38	42	44	36	43	48	46	48	42	40	33	36	42	38	41.
FORT YATES	MAX	80	85	90	84	73	70	65	60	59	56	64	70	83	69	69	61	60	65	62	72	74	75	77	82	82	83	65	63	67	65	65	70.
	MIN	41	45	48	62	48	49	50	40	39	29	22	27	39	50	49	40	31	41	45	33	33	52	45	43	39	58	41	33	41	43	44	41.
FOXHOLM 7 N	MAX	85	85	93	90	65	65	63	72	67	62	70	74	82	72	67	60	62	67	70	73	75	77	83	75	82	78	63	64	70	63	69	72.
	MIN	47	55	52	54	43	36	45	26	41	30	27	31	43	43	35	41	28	44	35	37	37	42	51	46	39	53	41	34	32	42	35	40.

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LLERTON	MAX	84	90	92	88	71	64	69	59	63	56	65	69	81	72	69	66	59	66	60	67	72	72	77	84	80	70	58	64	62	64	69	70.4
	MIN	50	51	51	57	51	39	48	37	42	28	28	30	38	50	39	41	33	39	44	47	41	48	49	49	44	53	42	36	35	45	42	42.8
CKLE	MAX	84	86	89	86	76	66	65	63	58	55	64	69	73	72	69	64	60	65	59	70	73	75	79	80	83	78	62	64	62	63	67	70.3
	MIN	51	53	56	61	59	42	49	39	39	37	28	33	49	49	42	43	32	34	48	41	44	48	49	51	47	45	45	33	41	39	49	44.4
RRISON	MAX	82	85	90	76	69	67	65	62	56	59	68	72	81	67	67	58	60	64	63	73	73	76	80	78	82	64		65	64	60	67	69.8
	MIN	52	52	56	50	40	52	41	37	34	25	28	34	45	42	38	38	30	45	43	39	42	49	48	46	47	52	38	28	40	45	35	41.6
AFTON STATE SCHOOL	MAX	87	85	89	88	79	62	65	71	68	52	65	71	75	71	62	59	58	65	71	70	74	80	82	80	82	79	62	60	62	65	64	71.1
	MIN	49	51	54	57	46	30	47	34	38	33	30	33	34	42	40	36	35	38	43	37	41	43	45	53	40	48	39	35	32	40	35	40.6
ANO FORKS CAA	MAX	85	91	93	89	63	62	65	70	55	52	63	69	75	65	61	59	59	68	70	64	75	80	83	79	82	76	54	60	69	67	64	69.9
	MIN	47	51	51	57	42	31	37	33	32	31	26	28	37	41	33	31	35	38	43	42	39	48	45	47	39	48	37	34	33	42	36	39.2
AND FORKS UNIVERSITY	MAX	84	88	91	88	72	82	66	68	62	55	64	69	74	68	62	60	60	66	69	66	75	79	80	84	79	75	62	69	72	67	65	71.6
	MIN	53	55	55	58	41	32	37	34	43	31	28	31	34	41	32	31	32	37	42	42	40	38	42	58	42	41	42	34	33	42	35	39.9
AND RAPIDS 1N	MAX	83	88	89	87	80	67	68	63	53	64	63	69	79	70	68	64	63	68	64	68	72	75	78	82	81	76	69	64	63	65	69	71.4
	MIN	49	47	49	52	52	35	47	39	27	27	24	31	30	48	32	38	33	34	41	52	48	52	47	50	40	55	42	37	35	46	44	41.4
ANVILLE	MAX	85	86	91	85	68	63	65	69	63	60	67	71	81	68	62	58	61	66	67	72	74	77	81	77	81	72	49	63	62	61	67	70.1
	MIN	48	50	49	57	40		43	32	39	25	28	32	45	40	35	41	36	43	38	37	39	39	50	45	42	47	40	30	35	42	33	40.0
ANORA	MAX	78	76	81	77	66	63	60	59	57	58	74	68	75	73	62	59	60	66	72	73	75	74	73	76	75	56	54		54	56	59	67.0
	MIN	49	49	51	56	36	43	39	37	34	26	37	40	48	43	33	32	36	42	37	40	44	45	48	40	50	50	35	25	29	35	33	40.1
ATKINSON R R STATION	MAX	87	85	87	91	91	72	66	66	59	61	49	62	67	80	69	65	65	61	69	65	63						82	62	61	58	67	69.6
	MIN	54	60	50	59	54	42	47	38	44	31	32	31	39	45	39	42	31	39	45	47	50	49	49	50	49	51	47	40	39	46	47	44.7
AYNAH	MAX	81	82	87	80	67	61	64	69	61	54	62	67	70	61	58	52	57	64	61	67	72	78	80	75	76	71	52	60	63	59	60	66.8
	MIN	43	48	47	50	42	32	45	33	36	27	22	29	40	36	32	35	36	42	43	37	34	45	46	45	37	47	37	31	29	38	26	37.7
BSBORO	MAX	81	88	89	83	60	65	60	71	61		63	68		74	58	51	61	66		67	72		81	75		79	50	62	66	57	64	68.2
	MIN	44	49	56	47	43	32	43	33	27		24	30		37	30	36	30	42		34	34		40	43		41	34	34	29	40	31	37.0
BTINGER	MAX	78	83	88	78		74	62	57	55	62	61	67	79	68	65	58	64	64	70	70	70	74	76	80	81		56	62	64	67	63	68.8
	MIN	44	50	55	54		42	47	38	37	30	34	42	44	48	46	37	39	41	45	49	50	46	46	51	52		39	28	42	39	39	43.2
BLSBORO	MAX	86	89	91	90	77	65	67	65	62	50	64	68	75	68	64	60	62	67	70	66	72	76	80	81	80	76	64	62	68	69	66	71.0
	MIN	49	45	48	54	45	32	47	34	40	29	29	33	34	44	34	38	35	37	40	45	41	45	47	48	45	48	40	35	33	39	40	40.4
BESTOWN CAA	MAX	85	85	91	87	68	62	66	59	60	54	64	69	81	70	67	60	62	64	64	64	73	76	79	81	80	65	54	64	62	62	65	69.1
	MIN	51	53	53	56	42	35	38	34	33	27	23	28	34	40	29	41	30	41	45	45	38	47	44	48	40	45	40	36	34	41	41	39.7
BESTOWN STATE HOSP	MAX	84	87	95	88	72	63	65	59	59	54	64	69	82	68	66	59	60	65	66	65	72	75	79	80	81	76	62	64	62	64	67	70.1
	MIN	52	54	52	58	49	37	49	34	39	28	26	30	31	46	31	44	34	40	41	45	41	47	46	50	44	51	42	36	37	42	43	41.9
BHARE	MAX	82	84	82	90	73	67	56	63	73	55	63	71	74	82	66	62	53	60	64	69	73	72	89	81	75	81	64	45	65	68	52	69.5
	MIN	48	48	50	50	40	35	40	30	37	28	35	39	45	37	30	39	32	42	40	42	41	44	39	42	46	56	35	30	38	41	34	39.8
BSAL WILDLIFE REFUGE	MAX			88	86	69	66	66	65	60	56	64	70	77	75	68	62	61	60		66	73	76	81	80	81	67	62	64	62	67	68	69.3
	MIN			45	55	44	34	46	36	38	24	31	25	37	45	29	41	27			47	39	42	40	47	39	47	40	33	32	42	36	38.6
BGDON EXP FARM	MAX	83	87	87	86	78	62	61	69	62	57	63	68	72	66	62	57	60	64	67	65	73	78	80	78	78	73	56	59	65	59	62	68.9
	MIN	43	53	47	65	41	30	44	30	37	26	24	30	38	36	31	31	33	37	44	37	38	42	46	44	38	47	36	30	29	39	26	37.8
IMORE	MAX	86	87	90	88	78	61	64	67	68	51	62	68	74	70	62	59	60	66	67	64	74	79	80	81	80	75	59	60	68	65	66	70.3
	MIN	50	53	54	60	45	31	48	43	33	30	31	34	36	44	34	37	36	35	41	40	38	45	46	54	41	47	41	35	32	42	36	41.0
BOS	MAX	86	88	91	87	70	66	63	71	56	58	68	72	81	69	64	58	62	68	66	73	76	79	81	78	90	75	59	68	72	59	68	71.7
	MIN	47	49	55	59	42	36	47	36	40	28	26	28	41	41	32	41	33	45	41	37	36	41	48	47	39	51	37	34	31	43	35	40.2
BTON	MAX	83	85	92	87	72	70	65	63	59	55	65	71	84	71	70	67	65	73	60	73	74	74	77	80	83	77	63	65	65	63	66	71.5
	MIN	44	44	44	61	49	45	50	41	38	26	22	27	42	51	45	44	30	42	48	38	44	53	45	43	40	58	36	36	40	46	45	42.5
BON	MAX	87	93	94	90	90	80	72	73	60	62	54	63	69	79	72	67	64	65	69	65	65	71	75	80	75	83	71	59	64	61	68	72.3
	MIN	50	45	48	52	50	33	47	30	44	32	29	27	28	47	30	40	31	31	40	47	44	47	48	46	40	39	40	38	32	46	45	40.2
BWOOD 12N	MAX	79	79	89	86	65	63	60	69	69	59	61	71	80	73	62	58	57	63	69	71	72	76	79	71	80	74	60	62	67	59	65	69.3
	MIN	48	47	52	45	36	38	39	29	37	27	33	37	42	38	28	38	30	41	54	40	44	41	43	47	43	49	32	29	39	40	33	39.3
BOCK AGR SCHOOL	MAX	86	87	91	87	71	67	65	68	60	58	66	70	80	76	65	60	61	69	65	69	72	77	80	79	81	74	59	65	68	59	66	71.0
	MIN	48	47	49	55	43	34	47	34	41	26	26	29	38	42	33	41	29	43	39	38	37	44	46	45	40	49	41	31	31	43	36	39.5
BAN EXP STATION	MAX	83	82	84	89	80	70	70	63	55	56	56	65	69	81	68	68	57	58	65	61	70	71	76	75	77	82	67	51	64	61	66	69.0
	MIN	45	46	51	61	45	43	50	37	40	27	26	29	42	48	40	43	33	45	47	37	42	45	43	45	46	56	40	33	37	45	44	42.3
BAN FT LINCOLN PARK	MAX	84	88	92	83	72	72	67	61	60	59	67	72	85	70	70	64	63	69	64	72	73	79	80	80	84	75	59	67	62	66	68	71.8
	MIN	47	49	50	62	47	43	50	39	37	27	28	33	41	48	41	45	33	45	48	38	43	49	45	47	46	55	43	34	39	45	44	43.3
BARTH	MAX	79	85	93	80	72	78	70	58	60	62	65	70	80	66	67	61	61	66	72	72	72	74	76	77	84	68	69	66	67	65	67	71.0
	MIN	41	40	54	54	41	48	47	40	35	28	29	45	42	42	42		42	42	39	38	47	48	42	40	45	53	47	27			42	42.1
	MAX	84	84	85	92	91	67	68	69	69	54	53	65	72	83	65	64	56	58	63	68	70	76	77	78	78	82	62	55	64	65	68	70.5
	MIN	51	51	51	54	41	41	42	41	42	29	30	41	41	42	37	41	33	34	43	40	42	41	46	41	56	55	41	30	33	45	33	41.5
BILLE	MAX	83	88	87	87	71	63	62	62	60	53	66	69	76	74	65	57	57	66	68	63	76	71	81	81	81	77	59	64	68	68	66	70.0
	MIN	51	52	51	56	45	31	48	36	41	32	28	31	37	44	31	40	35	34	43	43	37	44	46	53	42	48	34	35	32	40	42	40.7
BLUSKY	MAX	83	83	90	84	71	65	63	62	56	55	63	69	81	77	65	60	57	66	61	71	71	75	79	76	80	75	62	63	62	58	62	69.2
	MIN	52	53	56	61	41	44	49	39	42	28	30	34	42	44	38	41	31	43	47	41	42	50	48	50	47	54	37	32	37	40	39	43.0
BENRY 5 N	MAX	83	85	89	84	68	62	63	63	57	54	61	66	76	66	61	55	58	64	63	65	73	77	79	76	79	71	57	62	67	63	65	68.1
	MIN	44	47	51	55	42	32	45	35	40	27	27	30	39	40	32	40	31	35	45	37	39	46	49	52	43	50	39	34	38	40	37	40.0
BEOO 3 E	MAX	88	90	91			65	70	62	64	53	67	71	78	72	67	67	62	69	65	62	71	74	76	85	81	77	61	65	62	70	69	70.8
	MIN	53	55	58			35	48	35	44	31	27	32	36	50	35	42	34	34	42	48	47	49	48	45	44	52	44	39	36	46	45	42.6
BRA 4 NNE	MAX	82	87	94	86	70	78	74	61	60	61	68	74	82	78	67	65	62	69	73	76	73	75	77	78	81	70	64	65	65	64	67	72.5
	MIN	37	41	30	46	41	45	47	36	32	23	21	42	48	51	38	33	40	44	34	44	39	38	44	38	41	51	44	26	45	40	43	39.4
BT CAA	MAX	82	84	90	75	66	60	63	68	52	59	68	71	81	65	62	52	57	63	64	70	72	77	79	76	80	66	49	63	65	52	66	67.6
	MIN	49	57	52	50	42	39	43	39	33	29	32	36	49	40	35	40	31	45	41	42	40	44	53	46	46	49	40	33	41	41	34	41.6
BT EXP FARM	MAX	82	85	90	87	65	65	63	68	61	59	67	71	81	78	64	58	59	65	65	71	74	76	79	76	81	75	60	63	67	60	66	70.4
	MIN	46	54	59	59	40	39	42	37	38	26	30	33	48	39	30	40	32	45	40	41	39	42	60	47	46	53	43	32		42	33	41.8
BLL	MAX	83	83	90	76	70	64	65	71	64	62	69	72	81	71	63	55	61	65	68	72	75	79	81	77	77	70	61	65	71	66	72	70.9
	MIN	48	48	47	51	40	29	39	33	37	27	29	34	44	37	30	40	32	44	37	35	38	41	45	47	43	53	37	33	32	34	32	38.6
	MAX	78	84	90	77	69	73	63	55	56	57	62	67	80	66	62	58	57	65	64	70	69	73	74	82	82	68	57	61	63	62	63	68.0
	MIN	41	47	51	57	41	46	48	39	37	29	27	33	41	46	41	37	41	42	33	40	45	49	44	43	39	52	36	26	39	38	43	41.0
BTH 4 SW	MAX	84	87	88	82	68	62	62	70	60	58	64	68	73	66	62	56	59	65	67	69	73	78	81	76	78	73	54	64	65	60	66	69.0
	MIN	44	47	48	57	39	29	46	31	38	27	24	28	37	37	29	33	37	39	39	33	37	43	45	44	49	52	35	32	31	40	30	38.1

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON 1 SE	MAX	81	83	89	85	70	65	67	57	61	57	65	70	81	75	71	61	60	64	61	68	71	73	79	83	79	73	60	65	62	62	66	69.6
	MIN	44	47	50	62	50	39	49	36	38	26	23	28	34	49	39	42	28	38	42	38	40	49	47	45	43	56	42	33	34	44	38	41.1
NEW ENGLAND	MAX	78	87	91	81	69	76	62	56	58	59	64	69	81	73	67	61	56	64	68	73	73	73	77	77	78	64	59	62	64	65	64	69.3
	MIN	39	42	48	54	41	46	46	38	35	26	29	32	40	48	41	36	41	43	36	40	46	50	41	46	41	50	40	26	40	41	42	40.8
NEW SALEM 1 S	MAX	81	86	90	78	71	73	62	56	57	57	64	70	80	68	69	63	59	64	61	70	74	75	75	78	82	71	54	58	64	65	68	69.1
	MIN	45	52	53	52	43	43	43	37	38	27	32	36	39	44	40	38	37	45	38	32	31	48	45	48	43	52	38	40	30	42	39	41.0
OAKES	MAX	86	81	85	89	87	69	63	68	68	58	53	62	65	77	68	66	63	56	65	59	65	70	70	76	80	78	74	57	61	61	64	69.2
	MIN	51	49	50	61	50	37	36	37	43	27	27	31	32	49	37	44	34	33	44	48	46	49	49	46	45	53	44	37	33	46	45	42.0
PARK RIVER	MAX	84	85	88	86	77	63	63	70	68	55	63	69	76	69	60	60	60	65	69	66	75	80	81	80	80	75	63	62	67	66	65	70.6
	MIN	47	51	50	60	44	32	47	41	43	30	30	32	40	42	36	39	41	39	45	41	36	42	47	56	44	48	43	35	32	41	40	41.0
PARSHALL	MAX	81	86	91	86	71	67	66	65	57	63	68	72	84	80	68	59	59	65	67	72	74	76	81	79	82	75	60	62	65	62	68	71.0
	MIN	46	45	51	51	39	35	43	26	36	25	21	34	45	40	30	39	22	43	36	38	41	30	49	40	44	50	38	26	36	45	29	37.6
PEMBINA 2N	MAX	89	84	92	92	87	66	66	73	71	62	64	72	76	76	61	58	61	68	69	69	77	79	83	83	80	75	58	58	66	67	70	72.4
	MIN	41	47	44	59	42	30	47	33	42	32	22	30	35	39	38	38	36	41	42	37	40	45	49	46	40	44	39	36	33	38	34	39.0
PETTIBONE	MAX	84	85	88	83	66	63	64	61	56	51	62	67	79	67	66	59	59	63	61	69	71	76	79	78	80	66	60	62	64	56	65	68.6
	MIN	52	49	55	67	45	40	46	36	38	31	30	33	39	46	32	43	30	40	46	46	41	49	48	51	47	51	43	34	38	41	44	42.6
PORTAL	MAX	80	83	80	90	70	66	54	62	69	54	63	69	73	80	67	62	52	61	69	75	75	74	80	81	74	72	51	49	65	69	51	68.4
	MIN	47	42	51	46	37	34	37	31	32	29	33	31	49	37	29	36	34	44	35	40	42	44	46	48	50	44	34	27	36	40	31	38.6
POWERS LAKE 1N	MAX	81	79	90	84	60	56	61	70	64	60	66	70	80	69	61	51	57	62	68	70	72	75	78	73	79	74	58	63	66	58	64	68.6
	MIN	50	45	55	49	36	37	47	26	30	26	27	36	48	41	28	32	35	43	39	40	41	40	42	43	45	49	33	25	25	43	31	38.0
RICHAROTON ABREY	MAX	78	87	90	85	70	73	62	59	56	59	66	71	81	76	67	62	56	68	67	73	74	75	77	77	80	72	62	64	62	66	68	70.6
	MIN	47	49	53	56	42	45	47	44	40	27	32	37	45	44	41	36	40	42	35	40	45	50	47	49	48	50	42	31	42	43	40	42.6
RIVEROALE	MAX	82	81	84	90	76	69	67	64	65	55	58	67	70	81	67	67	57	57	64	63	71	73	76	77	77	81	83	52	63	65	60	71.6
	MIN	49	50	56	56	44	44	47	39	40	28	30	34	47	44	41	40	31	44	40	39	42	43	48	47	46	55	41	31	38	45	38	43.0
ROLLA	MAX	82	85	88	82	61	61	60	69	61	57	64	68	74	64	57	51	58	64	64	68	73	78	80	74	75	68	55	61	63	59	64	67.6
	MIN	47	55	52	56	42	36	43	37	36	32	29	34	42	38	35	34	33	43	42	35	37	43	47	47	45	47	36	32	32	40	34	40.0
RUGBY	MAX	84	86	90	87	74	66	62	69	65	56	66	70	80	80	65	59	60	66	66	69	74	78	80	78	78	75	58	64	70	63	64	71.0
	MIN	51	54	53	62	42	39	48	34	42	31	28	35	45	42	35	40	33	45	43	40	40	48	52	50	44	51	41	32	36	43	36	42.0
SAN HAVEN	MAX	78	84	88	85	65	64	59	78	75	57	68	66	78	71	62	51	59	63	64	68	72	77	91	76	70	70	54	62	61	61	65	68.6
	MIN	53	53	58	59	40	36	44	35	38	30	40	30	44	40	36	36	33	42	42	39	43	51	47	50	44	47	36	32	36	42	35	41.0
SANISH	MAX	82	82	85	93	72	70	62	64	64	56	63	69	74	82	68	67	55	62	70	71	75	75	78	83	72	83	66	48	65	67	59	70.8
	MIN	41			52	41	36	42	29	40	29	23	30	32	41	31	32	29	36	36	36	40	41	46	43	43	48	39	26	32	43	34	36.0
SHARON	MAX	82	86	89	85	67	60	65	62	55	51	62	67	74	70	63	62	58	64	69	63	72	77	80	78	79	78	55	61	67	68	62	68.6
	MIN	50	51	51	63	45	35	42	36	41	27	27	34	36	46	36	40	35	38	45	46	40	47	43	51	48	50	41	35	36	42	35	41.6
STANLEY	MAX	82	79	92	74	67	60	62	68	54	60	68	74	80	63	61	54	60	67	70	73	70	77	82	74	81	76	53	64	65	55	52	68.6
	MIN	49	45	52	52	37	46	40	29	37	29	27	35	41	39	34	32	27	42	33	42	40	39	45	45	45	45	33	26	34	43	32	38.6
STEELE	MAX	83	84	90	83	72		65	63	59	55	64	69	83	80	68	65	60	65	60	71	73	78	77	78	80	72	63	64	63	59	66	70.6
	MIN	48	50	50	62	46	42	48	38	48	27	28	31	41	45	36	43	33	43	46	39	36	41	40	47	43	54	48	33	38	43	39	42.0
TOWNER	MAX	87	86	83	81	68	63	65	73	63	62	66	72	82	68	69	64	75	66	66	72	67	77	82	78	80	78	59	66	72	67	68	71.8
	MIN	47	49	58	57	39	32	42	34	38	25	24	25	42	38	41	30	28	32	36	42	34	39	48	39	39	48	35	28	33	32	39	37.6
TURTLE LAKE	MAX	87	89	89		68	66	67	62	56	57		70	80	79	66	54	58	65	61	71	72	75	78			74	61	69	64	59	66	69.4
	MIN	54	49	54		44	45	46	30	41	27		32	44	44	38	41	32	44	44	41	39	47	47			53	36	31	39	44	37	41.6
UNOERWOOO	MAX	82	85	87	89	77	69	67	63	61	55	56	68	71	82	68	67	57	59	65	63	72	72	76	78	77	80	65	47	64	62	64	69.4
	MIN	49			56	41	43	46	39	37	26	31	31		43		42	31				42	42	41	48	43	53	37	30	38	41	37	40.6
UPHAM 3N	MAX	85	91	91	89	73	68	67	76	67	60	72	76	85	75	67	57	65	69	68	77	80	84	85	80	80	74	63	69	74	64	69	74.4
	MIN	52	46	49	56	40	37	42	28	38	24	28	34	44	39	36	39	33	44	41	37	40	48	50	48	38	50	40	27	34	40	32	39.6
VALLEY CITY	MAX	85	90	92	90	84	65	67	64	59	52	64	74	79	68	68	62	59	66	68	53	73	76	80	80	83	78	66	63	64	68	66	71.4
	MIN	52	48	52	56	48	35	47	35	41	29	28	29	32	49	35	44	34	31	47	46	45	50	48	52	49	52	43	38	35	50	44	42.6
VAN HOOK	MAX	82	84	95	91	70	60	63	65	57	62	68	73	83	75	63	59	60	67	70	73	75	78	82	78	83	70	55	63	65	60	65	70.4
	MIN	48	48	55	53	42	38	44	30	40	27	25	33	49	44	35	41	28	45	35	39	44	46	46	45	47	52	39	29	41	47	31	40.0
VELVA	MAX	84	84	90	85	69	63	63	66	60	59	66	71	81	76	62	58	58	66	64	71	72	76	80	76	81	77	60	65	64	60	66	70.4
	MIN	47	52	48	59	43	41	45	32	40	28	26	30	43	40	32	41	29	44	36	38	38	39	50	46	41	54	40	32	36	46	36	40.2
WAHPETON STATE SCHOOL	MAX	87	87	90	90	86	68	65	65	61	56	63	68	77	75	70	69	65	66	67	62	73	75	76	85	82	83	65	63	63	71	70	72.4
	MIN	54	50	57	61	51	35	51	35	44	32	29	29	39	51	32	38	33	36	40	49	49	49	47	45	43	52	45	37	40	47	44	43.0
WASHBURN	MAX	81	85	91	83	71	70	68	60	60	58	70	79	80	76	71	64	62	66	60	71	72	75	79	80	80	75	68	65	65	63	66	71.6
	MIN	48	51	53	59	43	45	42	40	39	28	28	30	43	45	41	42	30	45	45	39	40	42	46	47	45	46	42	30	39	45	41	41.6
WATFORO CITY	MAX	81	86	93	74	68	64	69	64	56	62	69	75	82	75	67	58	60	68	74	76	77	78	82	77	83	73	59	65	62	64	68	71.4
	MIN	47	47	57	53	40	41	41	34	40	27	29	42	51	41	36	34	41	45	36	43	45	43	45	46	49	50	38	25	43	41	29	41.6
WESTHOPE	MAX	83	84	91	75	64	63	64	72	56	62	70	72	82	81	75	55	60	65	67	72	74	77	80	80	74	63	47	67	68	54	68	69.4
	MIN	47	50	49	43	34	36	41	30	36	25	29	39	45	38	32	37	35	44	42	39	41	50	46	46	42	45	38	28	37	41	32	39.0
WILLISTON WR CITY	MAX	80	79	90	67	67	60	63	67	55	61	68	73	79	64	64	53	60	68	71	75	74	76	79	75	81	64	49	65	61	60	66	68.4
	MIN	52	49	58	46	41	45	42	33	37	31	39	45	54	45	37	34	39	46	40	48	50	43	49	50	52	48	37	29	49	39	34	43.0
WILLOW CITY	MAX	83	87	90	80	68	63	64	72	61	60	69	71	81	68	65	56	61	66	65	71	74	78	81	79	77	64	55	62	69	58	69	69.4
	MIN	45	47	48	54	42	29	45	27	37	28	23	27	40	41	29	38	30	40	38	33	34	42	44	40	34	48	40	30	29	40	33	37.6
WILTON RR STATION	MAX	82	79	83		87	67	66	62	55			63	69	80	85	65	55	56	64	58	67	68	73	76	76	78	64	48	64	60	61	68.4
	MIN	48	50	53		30	32	35	32	38			38	39	37	40	34	33	41	45	39	41	45	49	49	46	55	40	30	35	43	39	40.0
WISHEK	MAX	84			88	68	65	64	54	58	64	58	68	80	69	69	58	58		76	67	70	69	76	78		77	59	64	67	60	65	67.3
	MIN	39			45	37	44	31	35	22	35	22	36	46	42	44	44	29		43	36	41	37	47	45		39	39	34	35	44	40	38.0

See reference notes following Station Index.

EVAPORATION AND WIND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
ybelle 5 E	EVAP	.24	.27	.20	.32	.43	.16	.06	.18	.34	.16	.24	.54	.25	.08	.09	.08	.08	.10	.19	.14	.37	.35	.29	.19	.39	.19	.25	.18	.18	.13	.13	8.78
	WIND	28	46	43	136	395	96	84	73	60	86	62	131	64	8	8	34	22	11	39	99	59	52	9	17	31	145	271	259	31	151	51	2601
ils Lake WB City	EVAP	.29	.25	.35	.41	.35	.10	.20	.20	.20	.17	.19	.21	.19	.26	.20	.16	.14	.14	.13	.19	.22	.27	.22	.32	.26	.14	.14	.24	.22	.11	.13	8.60
	WIND	25	32	39	105	153	39	77	34	57	74	29	19	32	55	25	39	29	18	26	47	44	42	*	71	23	58	130	124	41	27	33	1547
kinaon Exp. Sta. a	EVAP	.13	.17	.20	.42	.36	.27	.16	.22	.14	.06	.10	.15	.25	.22	.07	.29	.07	.14	.15	.17	.25	.16	.20	.20	.30	.17	.18	.27	.21	.04	.15	5.87
	WIND	90	100	60	260	180	120	130	90	130	100	80	105	85	170	55	115	80	95	75	100	90	100	80	70	100	130	190	210	120	170	80	3560
eley Exp. Farm	EVAP	.03	.18	.23	.61	.14	.22	.15	.10	.17	.29	.09	.24	.25	.30	.33	.19	.16	.12	.17	.03	.14	.15	.19	.23	.29	*	*	.55	.25	.09	.08	5.97
	WIND	32	32	6	60	110	53	90	61	38	136	194	23	26	103	64	70	24	18	28	31	46	43	66	33	19	36	43	69	36	112	83	1785
dan Exp. Sta. a	EVAP	.17	.16	.17	.32	.40	.23	.13	.18	.11	.20	.15	.13	.16	.16	.19	.24	.14	.09	.09	.11	.13	.17	.14	.13	.26	.24	.14	.28	.18	.06	.07	5.33
	WIND	64	59	54	215	181	118	174	99	84	197	124	40	53	116	78	135	97	36	90	89	77	135	102	35	113	121	169	307	91	149	77	3479
erdale	EVAP	.25	.54	.31	.55	.62	.31	.13	.07	.16	.17	.20	.40	.35	.37	.22	.27	.10	.26	.21	.24	.28	.28	.35	.15	.53	.45	.16	.15	.33	.22	.13	8.76
	WIND	86	93	80	224	208	130	132	94	121	138	96	68	112	154	79	132	95	71	136	161	117	138	94	68	112	186	166	260	63	185	111	3910

Pan 6 feet in diameter, 24 inches deep, in ground 20 inches.

REFERENCE NOTES

four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers hin a state.

ures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

ervation times given in the Station Index are in local standard time.

ayed data and corrections will be carried only in the June and December issues of this bulletin.

thly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

tions appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

ess otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in es. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise wn by footnote following Table 6.

et and hail were included in snowfall averages in Table 1, beginning with July 1948.

unts in Table 3 are from non-recording gages, unless otherwise indicated.

a in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

w on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 CST.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+ And also on a later date or dates.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with a windsbield.
B Adjusted to a full month.
E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for tbe full month.
R Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T Trace, an amount too small to measure.
V Includes total for previous month.
SS This entry in time of observation column in Station Index means observation made near sunset.

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W.R.P.C., Kansas City, Mo. -- 7-9-52 -- 1050

STATION INDEX

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
ADAMS 7 S	0022	WALSH	10	48 20	98 06	–		6P	MYRON J. BATA	3
ALEXANDER	0096	MC KENZIE	13	47 50	103 38	2200		6P	ARTHUR J. BAUMAN	3
ALMONT 7 SW	0136	MORTON	4	46 43	101 39	2300	7P	7P	HOGAN RAMSLAND	2 3 5 7
AMBROSE	0189	DIVIDE	12	48 58	103 28	2060		6P	JAMES A. OPPERUD	3
AMENIA	0196	CASS	11	47 00	97 13	960	SS	SS	VIRGIL L. GEBEKE	2 3 5 7
AMIDON	0209	SLOPE	1	46 30	103 19	2910	8A	8A	VIRGINIA M. ZUNDEL	2 3 5 7
ANTLER	0263	BOTTINEAU	12	48 58	101 20	1540		MID	W. H. WEGNER	3
ARVILLA STATE PARK	0363	GRAND FORKS	10	47 56	97 30	960	6P	6P	ALBERT THOREN	2 3 5
ASHLEY	0382	MC INTOSH	8	46 02	99 22	2025	SS	SS	SOO LINE AGENT	2 3 5 7
BALDHILL DAM	0450	BARNES	11	47 02	98 05	1300	8A	8A	F. A. JOHNSON	2 3 5
BALTA	0500	PIERCE	11	48 10	100 02	1550		6P	ROYCE E. PAULSON	3
BANTRY	0516	MC HENRY	12	48 30	100 36	–		6P	TEMPLE K. ROBERTS	3
BEACH	0590	GOLDEN VALLEY	7	46 55	104 01	2814	6A	6A	HELEN TOBIAS	2 3 5 7
BELCOURT INDIAN RES.	0626	ROLETTE	9	48 50	99 45	1960	7P	7P	TURTLE MT. IND. AG.	2 3 5 7
BELFIELD	0639	STARK	4	46 52	103 11	2592	7P	7P	CARL INDERGAARD	2 3 5 7
BERTHOLD	0729	WARD	12	48 19	101 44	2080		6P	JOSEPH S. COX	3
BEULAH	0766	MERCER	6	47 16	101 47	1780		6PM	MONT. DAK. UTIL.CO.	3 7
BISBEE	0796	TOWNER	3	48 37	99 22	1600	6P	6P	ROBERT J. KRICK	2 3 5 7
BISMARCK WB CITY	0814	BURLEIGHT	8	46 48	100 48	1670	9A	9A	U.S. WEATHER BUREAU	2 3 5 7
BISMARCK WB AIRPORT	0819	BURLEIGHT	8	46 46	100 45	1650	MID	MID	U.S. WEATHER BUREAU	2 3 5 7
BOTTINEAU	0941	BOTTINEAU	12	48 50	100 27	1638	8A	8A	N. D. SCH OF FRSTRY	2 3 5 7
BOWBELLS	0961	BURKE	12	48 48	102 15	1953	8A	8A	FELIX L. ADAMS	2 3 5 7
BOWBELLS 5 E	0964	WARD	12	48 47	102 08	1925	8A	8A	DEVELOPMENT FARM	2 3 5 6
BOWMAN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2872	5P	5P	O. B. HOOK	2 3 5
BOWMAN 11 SE	0998	BOWMAN	3	46 04	103 19	–		6P	BERNARD L. DOMAGALA	3
BOWMAN 30 NNW	1001	SLOPE	8	46 35	103 31	–		5P	ROBERT L. MANSON	3
BREIEN	1052	MORTON	1	46 24	100 57	1720		MID	FRANK E. POTTER	3
BUCHANAN	1124	STUTSMAN	5	47 04	98 49	–		MID	W. H. HENDRICKSON	3
BURT 16 N	1216	HETTINGER	1	46 36	102 08	–		6P	JACOB GRENEBELE	3
BUTTE	1225	MC LEAN	12	47 50	100 40	1880	6A	6A	EARL R. WARD	2 3 5
CANDO	1288	TOWNER	2	48 29	99 12			MID	MARRY E. HARRIS	3
CARRINGTON	1360	FOSTER	5	47 27	99 08	1579	7A	7A	SOO LINE AGENT	2 3 5
CARSON	1365	GRANT	4	46 25	101 34	2300		MID	VINCENT MUGGLI	3
CARSON 2 SW	1370	GRANT	4	46 23	101 35	2500	7P	7P	J. W. EVENS	2 3 5 7
CAVALIER	1435	PEMBINA	9	48 48	97 38	889	6P	6P	WILLIE HENSEN PICO	2 3 5
CENTER	1456	OLIVER	8	47 07	101 18	2100	7P	7P	FRED L. HEINZ	2 3 5 7
COLGATE	1686	STEELE	10	47 14	97 39	1180		6P	JOHN P. BURCHILL	3
COLUMBUS	1696	BURKE	12	48 54	102 47	1930		6P	J. D. SUNDELL	3
COOPERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	5P	5P	R. J. LOCKNER	2 3 5
COURTENAY	1816	STUTSMAN	5	47 13	98 34	1523		5P	G. H. HANAWALT	3
CROSBY	1871	DIVIDE	12	48 54	103 18	1954	6P	6P	VERNON V. NICHOLS	2 3 5 7
DEVILS LAKE WB CITY	2158	RAMSEY	2	48 07	98 52	1471	MID	MID	U.S. WEATHER BUREAU	2 3 5 6 7
DICKINSON CAA AP	2183	STARK	4	46 48	102 48	2587	MID	MID	U.S. CIVIL AERO ADM	2 3 5 7
DICKINSON EXP. STATION	2188	STARK	4	46 53	102 48	2460	7A	7A	DICKINSON EXP. STA.	2 3 5 6
DONNYBROOK	2242	WARD	12	48 31	101 53	1760		6P	FRED E. FELDNER	3
DRAKE	2298	MC HENRY	12	47 55	100 22	1634	8A	8A	ED. J. EVANS	2 3 5
DUNN CENTER	2365	DUNN	6	47 21	102 37	2191	6A	6A	CHARLES C. NEUSTEL	2 3 5 7
ECKMAN	2472	BOTTINEAU	12	48 39	101 03	1500	7A	7A	SOO LINE AGENT	2 3 5
EDGELEY EXP. FARM	2482	LA MOURE	5	46 26	98 43	1468	8A	8A	N.D. AGRI. EXP. STA.	2 3 5 6
EDMORE 1 W	2525	RAMSEY	2	48 25	98 29	1524	5P	5P	MIKE DAVIS	2 3 5
ELBOWOODS	2570	MC LEAN	8	47 35	102 09	2082	6P	6P	H. W. CASE	2 3 5
ELGIN 5 S	2592	GRANT	1	46 21	101 49	–		6P	ART A. ESLINGER	3
ELLENDALE	2605	DICKEY	5	46 00	98 31	1460	8P	8P	PAUL GRESS	2 3 5 7
EPPING	2735	WILLIAMS	8	48 18	103 21	2224	6P	6P	T. BEACHLER	2 3 5
ESMOND	2767	BENSON	11	48 02	99 46	1650		MID	LYLE O. FERING	3
FAIRFIELD 8 N	2809	BILLINGS	7	47 19	103 12	2650		6P	MRS. EDITH LARSON	3
FARGO WB AIRPORT	2859	CASS	10	46 54	96 48	895	MID	MID	U.S. WEATHER BUREAU	2 3 5 7
FESSENDEN	2949	WELLS	5	47 39	99 37	1610	6P	6P	JOHN V. ZUBER	2 3 5
FLASHER	3009	MORTON	1	46 27	101 14	1930		6P	GEORGE M. SINCLAIR	3
FLAXTON	3019	BURKE	12	48 54	102 23	1940		6P	PALMER M. DUNHAM	3
FORBES 13 NW	3064	DICKEY	5	46 04	98 56	–		6P	THEODORE A WIRCH	3
FORMAN	3117	SARGENT	10	46 06	97 38	1249	6P	6P	ART WATERMAN	2 3 5
FORT YATES	3207	SIOUX	8	46 06	100 38	1640	SS	SS	STAND RK INDIAN AGY	2 3 5 7
FOXHOLM 7 N	3217	WARD	12	48 27	101 33	1609	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
FRYBURG	3277	BILLINGS	4	46 53	103 18	2790		7A	HERMAN J. MAY	3
FULLERTON	3287	DICKEY	5	46 10	98 25	1439	6P	6P	F. O. ALIN	2 3 5 7
GACKLE	3309	LOGAN	5	46 38	99 08	1951	6P	6P	ALVIL HUMMEL	2 3 5
GARRISON	3376	MC LEAN	8	47 38	101 25	1911	MID	MID	ALBERT J. BEIRELE	2 3 5 7
GLEN ULLIN 13 N	3501	MERCER	6	47 00	101 47	2221		6P	CHRIST SCHILLING	3
GOLDEN VALLEY 10 S	3529	MERCER	6	47 10	102 03	1870		6P	ROBERT H. BACKFISCH	3
GRACE CITY	3583	FOSTER	5	47 33	98 48	–		MID	IDA BONDERUD	3
GRAFTON STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 5 7
GRAND FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	834	MID	MID	U.S. CIVIL AERO ADM	2 3 5 7
GRAND FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	MID	7P	UNIVERSITY OF N.D.	2 3 5 7
GRAND RAPIDS 1 N	3665	LA MOURE	5	46 29	98 21	1360	6P	6P	ALBERT J. NESS	2 3 5
GRANVILLE	3686	MC HENRY	12	48 16	100 51	1504	7P	7P	FRED ROBLE	2 3 5 7
GRASSY BUTTE	3696	MC KENZIE	7	47 24	103 14	2660		MID	SAM CHARCHENKO	3
GRASSY BUTTE 10 N	3701	MC KENZIE	7	47 31	103 14	2497		6P	EDSEL G. CRIST	3
GRENORA	3736	WILLIAMS	8	48 37	103 46	2114	5P	5P	L. D. NIELSON	2 3 5
HALEY	3836	BOWMAN	3	48 58	103 08	–		MID	J. E. CRAWFORD	3
HALLIDAY	3846	DUNN	6	47 21	102 20	2073		6P	JOHN KISSE	3
HANKINSON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
HANNAH	3936	CAVALIER	9	48 59	98 41	1570	6P	6P	U.S. CUSTOMS OFFICE	2 3 5 7
HANSBORO	3963	TOWNER	9	48 57	99 23	1597	7P	7P	CHARLES E. DISHER	2 3 5
HARVEY 3 NE	4013	WELLS	11	47 45	99 53	1596		6P	M. J. REYNOLDS	3
HAYNES 6 NE	4073	ADAMS	1	46 01	102 24	2640		MID	BYRON B. BOBB	3
HETTINGER	4178	ADAMS	3	46 00	102 38	2680	6P	6P	FRED O. FORTHUN	2 3 5 7
HETTINGER 17 N	4186	ADAMS	1	46 15	102 39	–		6P	O. J. GERBRACHT	3
HILLSBORO	4203	TRAILL	10	47 26	97 04	901	6P	6P	ALFRED JAHNKE	2 3 5
JAMESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1497	MID	MID	U.S. CIVIL AERO ADM	2 3 5 7
JAMESTOWN ST HOSPITAL	4418	STUTSMAN	5	46 53	98 40	1457	7P	7P	N.D. ST. HOSPITAL	2 3 5
KEENE 2 S	4571	MC KENZIE	8	47 54	102 56	2346		6P	KENNETH V. BERGET	3
KENMARE	4644	WARD	12	48 40	102 05	1800	8A	8A	THEO E. ECKBERG	2 3 5
KENSAL WILDLIFE REFUGE	4656	STUTSMAN	5	47 15	98 52	1440	7P	7P	U.S. WILDLIFE REFUGE	2 3 5 7
KILLDEER 8 NW	4726	DUNN	7	47 26	102 53	2240		6P	LEONARD J. DUTTI	3 7
KULM	4843	LA MOURE	5	46 18	98 57	1970		6P	JOHN STROEHL	3
LANGDON EXP. FARM	4958	CAVALIER	9	48 45	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5
LANSFORD	5002	BOTTINEAU	12	48 38	101 22	1600		6P	LOUIS SCHAEFER	3
LARIMORE	5013	GRAND FORKS	10	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
LEEDS	5078	BENSON	2	48 17	99 26	1515	7P	7P	JOHN FAGER	2 3 5
LEFOR 10 E	5088	STARK	4	46 38	102 21	2580		5P	JOSEPH LINK	3
LINTON	5210	EMMONS	8	46 16	100 14	1711	8P	8P	WILLIAM HEYERMAN	2 3 5
LISBON	5220	RANSOM	11	46 26	97 41	1091	7A	7A	ROBERT M. JODSAAS	2 3 5
LITCHVILLE	5230	BARNES	11	46 39	98 11	–		6P	WILLIAM H. RUGH	3
LOSTWOOD 12 N	5320	BURKE	12	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
MADDOCK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	6P	6P	BENSON CY AGR SCHL	2 3 5
MANDAN EXP. STATION	5479	MORTON	4	46 48	100 54	1750	8A	8A	NO. G.P. FIELD STA.	2 3 5 6 7
MANDAN FT.LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
MANNING	5519	DUNN	6	47 14	102 46	–		MID	DONALD JEFFERIES	3
MARMARTH	5573	SLOPE	7	46 18	103 55	2714	6P	6P	S. P. GRANE	2 3 5
MARMARTH M D U CO.	5575	SLOPE	7	46 18	103 55	2710		MID	E. B. JESTNES	3
MARTIN	5610	SHERIDAN	11	47 50	100 07	1610		6P	WM PUTZ	3
MAX	5638	MC LEAN	8	47 49	101 18	2093	7A	7A	SOO LINE AGENT	2 3 5
MAYVILLE	5660	TRAILL	10	47 30	97 19	975	6P	6P	H. A. RAGAZ	2 3 5 7
MC CLUSKY	5710	SHERIDAN	8	47 29	100 29	1943	6P	6P	ELMER L. SCHIELKE	2 3 5 7
MC HENRY 5 N	5730	EDDY	1	47 38	98 35	1509	7P	7P	C. E. BLASKY	2 3 5 7
MC LEOD 3 E	5754	RICHLAND	1	46 24	97 14	1075	7P	7P	U. G. CARLSON	2 3 5
MC VILLE	5764	NELSON	10	47 46	98 11	1467		6P	H. M. KNIEFEL	3
MEDINA 1 W	5798	STUTSMAN	8	46 53	99 19	–		6P	RUDOLPH GRAF	3
MEDORA	5803	BILLINGS	7	46 55	103 31	2270		MID	JAY J. EATON	3
MEDORA 4 NNE	5813	BILLINGS	7	46 58	103 30	2250	5P	5P	U.S. FOREST SERVICE	2 3 5 7
MEDORA 11 N	5818	BILLINGS	7	47 04	103 32	–		6P	G. E. MESCHKE	3
MELVILLE	5833	FOSTER	5	47 20	99 02	1625		MID	EDGAR S. STEGMEIER	3
MINOT CAA AP	5988	WARD	12	48 15	101 17	1724	MID	MID	U.S. CIVIL AERO ADM	2 3 5
MINOT EXP FARM	5993	WARD	12	48 10	101 18	1720	6P	6P	N C AGRI EXP STA	2 3 5 7
MOFFIT 4 SE	6015	BURLEIGHT	8	46 40	100 14	1760		5P	U S FISH & W L SERV.	3
MOMALL	6025	RENVILLE	12	48 46	101 31	1639	9P	9P	IVER JOHNSON	2 3 5 7
MONTPELIER	6105	STUTSMAN	5	46 42	98 35	–		6P	RALF HANSON	3 7
MOTT	6155	HETTINGER	1	46 23	102 20	2420	SS	SS	FORREST E. COFFING	2 3 5 7
MUNICH 4 SW	6195	CAVALIER	2	48 38	98 53	1598	7P	7P	HAROLD FELDNER	2 3 5 7

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
MAPLETON 1 SE	6255	LOGAN	8	46 29	99 45	1955	7P	7P	GLADYS J. PETERSON	2 3 5
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2621	6P	6P	ANTON SELINGER	2 3 5
NEW ROCKFORD 7 WNW	6355	EDDY	5	47 43	99 16	1550		6P	RICHARD STEINBACH	3
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2163	6P	6P	WILLIAM F. GAEBE	2 3 5
NOONAN	6455	DIVIDE	12	48 53	103 01	1960		6P	GEORGE KOSTEK	3
NORTHGATE	6535	BURKE	12	49 00	102 16	1850		MID	U S CUSTOMS STATION	3
NORTONVILLE	6565	LA MOURE	5	46 33	98 44	–		6P	HENRY L. ERICKSON	3
OAKES	6620	DICKEY	5	46 08	98 05	1320	8A	8A	MRS. E.CARRIE MURRAY	2 3 5
PARK RIVER	6857	WALSH	10	48 23	97 45	998	5P	5P	MARTIN SEVERSON	2 3 5
PARSHALL	6867	MOUNTRAIL	8	47 57	102 08	1929	6P	6P	C. E. SHUBERT	2 3 5
PEMBINA 2 N	6947	PEMBINA	10	49 00	97 14	790	4P	4P	U S CUSTOMS & IMMIG.	2 3 5
PETERSBURG	7027	NELSON	10	48 01	98 00	1524	5P	5P	REV. ODEAN MONSON	2 3 5
PETTIBONE	7047	KIDDER	8	47 07	99 31	1860	7P	7P	L. H. DETHLOFF	2 3 5
PINGREE	7117	STUTSMAN	5	47 10	98 54	1572		6P	JERRY W. TANGNEY	3
PORTAL	7201	BURKE	12	49 00	102 33	1954	9A	9A	U S CUSTOMS SERVICE	2 3 5
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	7P	7P	HERBERT J. CLARK	2 3 5
PRETTY ROCK	7311	GRANT	1	46 11	101 51	–		6P	FREDA LEER	3
REEDER	7450	ADAMS	3	46 06	102 57	2810		6P	HENRY A. DONNER	3
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2860		8A	CMAS. M. METZINGER	3
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2467	5P	5P	ASSUMPTION ABBEY	2 3 5
RIVERDALE	7585	MC LEAN	8	47 30	101 21	1910	6A	8A	CORPS OF ENGINEERS	2 3 5 6
ROLLA	7664	ROLETTE	9	48 52	99 37	1860	7P	7P	THEO B. FAGERLUND	2 3 5
RUGBY	7704	PIERCE	12	48 22	100 00	1560	6P	6P	FRANK HORNSTEIN	2 3 5
RYDER	7743	WARD	8	47 55	101 40	2108		6P	IS. C. SCHELLENBAUM	3
SAN HAVEN	7824	ROLLETTE	12	48 50	100 02	2001	6P	6P	N.DAK. STATE HOSP.	2 3 5
SANISH	7834	MOUNTRAIL	8	47 59	102 32	1835	7A	7A	H. J. BUGGE	2 3 5
SCRANTON	7932	BOWMAN	3	46 09	103 09	2776		6P	DOLORES GRIMES	3
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 19	2183		7P	L. E. WILSON	3
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	–		7P	G. E. BURY	3
SHARON	7986	STEELE	10	47 36	97 54	1516	8P	8P	HUGH LYON	2 3 5
SHERWOOD 3 N	8047	RENVILLE	12	49 00	101 38	1647		6P	U S CUSTOMS SERVICE	3
SHEYENNE	8057	EDDY	11	47 50	99 07	1480		MID	ALVIN H. KENNEDY	3
SHIELD	8065	GRANT	1	46 14	101 07	–		6P	EDWIN O. CARLSON	3
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	7P	7P	LEROY EDWARDS	2 3 5
STEELE	8366	KIDDER	8	46 51	99 55	1857	6P	6P	STEELE OZONE PRESS	2 3 5
SYKESTON	8608	WELLS	5	47 28	99 24	1634		6P	EDWARD SONDAG	3
TAGUS	8627	MOUNTRAIL	12	48 20	102 56	2179		6P	GEORGE N. PILGARD	3
TIOGA	8737	WILLIAMS	8	48 24	102 56	2279		6P	L. A. SIMON	3
TOLLEY 4 NE	8764	RENVILLE	12	48 46	101 47	–		6P	CARMIE NELSON	3
TOWNER	8792	MC HENRY	12	48 21	100 24	1482	7P	7P	AUGUST B. RIEDER	2 3 5
TROTTERS 6 WNW	8807	MC KENZIE	13	47 21	104 01	2420		5P	WALTER GRUNEWALD	3
TURTLE LAKE	8840	MC LEAN	8	47 31	100 53	1899	5P	5P	ART KLUNGTVEDT	2 3 5
TUTTLE	8850	KIDDER	8	47 08	100 00	1880		5P	THEODORE C OCHSNER	3
UNDERWOOD	8877	MC LEAN	8	47 27	101 08	2026	7A	7A	CLARENCE W. JOHNSON	2 3 5
UPHAM 3 N	8913	MC HENRY	12	48 37	100 44	1425	5P	5P	U S WILDLIFE REFUGE	2 3 5
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	6P	6P	MISS I.C. ROBERTSON	2 3 5
VAN HOOK	8970	MOUNTRAIL	8	47 57	102 21	1864	9P	9P	ERWIN A. VENTSCH	3 5
VELVA	8990	MC HENRY	12	48 03	100 55	1511	6P	6P	OSCAR ANDERSON	2 3 5
VERONA	9035	LA MOURE	5	46 22	98 05	1382		6P	WARREN O. TENG	3
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	5P	5P	ST SCH OF SCIENCE	2 3 5
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		6P	FELIX A. GASTONGUAY	3
WARWICK	9185	BENSON	11	47 51	98 42	–		6P	H. S. STINSON	3
WASHBURN	9195	MC LEAN	8	47 17	101 02	1731	6P	6P	FRED KRAUSE	2 3 5
WASHBURN WATER WORKS	9205	MC LEAN	8	47 17	101 02	1730		MID	WASHBURN WATER WKS	3
WATAUGA 8 N, S. OAK.	9219	GRANT	1	46 02	101 34	–		6P	JOHN C. SPICER	3
WATFORD CITY	9233	MC KENZIE	8	47 48	103 17	2084	8P	8P	J. C. ZELLER	2 3 5
WATFORD CITY 11 E	9238	MC KENZIE	8	47 47	103 02	–		MID	IDA PETERSON	3
WATFORD CITY 20 SE	9246	MC KENZIE	8	47 35	103 07	–		6P	MPS. AGNES MURRAY	3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 01	1508	6P	6P	REV. R. CAREY	2 3 5
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		6P	JONATHAN WINKJER	3
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 35	1877	MID	MID	U S WEATHER BUREAU	2 3 5
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1471	8P	8P	O. M. SANDERSON	2 3 5
WILTON R R STATION	9455	MC LEAN	8	47 09	100 48	2159	8A	8A	SOO LINE AGENT	2 3 5
WISHEK	9515	MC INTOSH	8	46 16	99 34	2010	5P	5P	CARL EISSINGER	2 3 5
WOODWORTH 5 E	9575	STUTSMAN	5	47 09	99 12	–		6P	JOHN ROHRER	3
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		6P	OLA SEVERTSEN	3
NEW STATIONS										
ENDERLIN	2695	RANSOM	11	46 38	97 36	2004	7A	7A	LEONARD PETERSON	2 3 5

DRAINAGE CODE: 1. CANNONBALL 2. DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED 11 SHEYENNE 12. SOURIS 3 YELLOWSTONE

Reference Notes for this issue may be found on Page 71.

Nat. Hist.

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

OCT 31 1952

JUNE 1952
Volume LXI No. 6

NAT. HIST.

KANSAS CITY: 1952

NORTH DAKOTA - JUNE 1952

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

Serious drouth conditions continued well into the month of June over much of th state. It was not until the 28th that the state-wide soaking rain was received Small and scattered areas had received beneficial rains previous to this but fol lowing the heavy rain the outlook for both feed and grain crops was greatly im proved, with the greatest recovery seen for feed crops.

The mean temperature for the state was 64.9 degrees, which is 1.8 degrees abov the normal for June. The eastern division averaged 66.1 degrees which is 2.5 de grees above normal; the middle division averaged 64.8 degress which is 1.8 degree above normal; and the western division averaged 63.9 degrees which is 1.2 degree above normal. The warmest period occurred during the first half of the month. Th highest temperature in the state was 102 degrees recorded at Dickinson on the 7th The lowest temperature recorded was 30° on the first at Baldhill Dam and at Bel court. The highest mean temperature during the month was 69.9° at Ellendale an the lowest was 59.7° at Bowbells.

Precipitation over the state averaged 3.21 inches during the month which is 0.3 inch below normal. The eastern division averaged 2.60 inches which is 0.94 inc below normal; the middle division averaged 4.21 inches which is 0.73 inch abov normal; and the western division averaged 2.81 inch which is 0.69 inch below nor mal. The greatest monthly precipitation was 7.79 inches reported at Hansboro 5.05 inches of this total fell on the 22nd for the greatest rainfall in a singl day. The least monthly precipitation was reported at Haley with 1.11 inches. trace of snow fell at numberous stations.

The month opened with scattered showers ranging up to an inch in some northern sec tions of the state but was not very effective in relieving the severe drouth tha had continued since early April. During the next two weeks rainfall continued t be very spotted although some stations had heavy rain; consequently, crops in gen eral made very slow progress. High winds on some days caused a moderate amount o soil blowing in some areas. Top soil moisture was deficient in nearly all counties Subsoil moisture was not short in nearly all counties making it imperative that good soaking rain be received. Pastures were very backward and hay and feed crop were practically at a standstill. Some livestock were being shipped because of th feed situation. The heavy rains of the last week finally broke the drouth over th entire state. It was now thought there would be ample feed raised for livestoc and all shipments due to feed situations stopped. As to the small grain crop, th outlook was materially improved. However, much of the crop was already heading ou and about the most that could be expected was that they would fill a little bette than otherwise. Some late crops stood to benefit greatly from the rain. Som additional flax acreage and a few feed crops were seeded following the rain. How ever, even with the rain, the small grain crop outlook at the end of the month wa rated the lowest since 1936. Corn, sugar beets, potatoes and flax stood to benefi the most from the rain. Livestock at the end of the month were rated in good con dition but somewhat below the average expected for this time of the year.

A considerable number of quite severe storms occurred during the month with mor than normal property and crop damage due to hail and high winds. Tornadoes wer reported near Béach, near Heaton in Wells County, and near Parshall. In additio high winds which included a tornado struck eleven miles west of Dickinson and i Dickinson. A considerable amount of property damage occurred in these storms ranging up to almost complete destruction of entire farms. In Dickinson a two-by four plank was driven through a brick wall twelve inches thick. Six miles south o Heaton, a barn was carried 1000 feet and demolished leaving the largest piece onl 8 x 10 feet. In other parts of the state too, high winds caused minor propert damage. Hail losses were heavy with the greatest number reported from the south west, north-central and east-central sections of the state. In some of these area crops would recover quite well. In other sections, though, some crops were cut fo hay since a hay shortage seemed imminent anyway.--CJS

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
marck WB Airport	ESE	12	13.7	56	E	15	74	78	49	47	3	5	6	1	1	0	16	60	5.5
ils Lake WB City	-	-	9.2	33	NW	8	-	-	-	-	6	6	5	1	1	0	19	56	8.1
go WB Airport	SSE	13	13.7	60	NW	11	71	78	48	51	12	5	4	2	0	0	23	64	5.4
liston WB City	-	-	9.4	56	E	10	66	73	45	38	2	6	4	0	1	0	13	77	5.7

COMPARATIVE DATA

ble 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
892	60.5	94	28	3.35	0	8
893	67.4	103	33	3.38	0	9
894	68.8	103	25	3.44	0	7
895	59.7	97	29	4.67	0	12
896	65.6	97	37	4.02	0	9
897	61.7	109	20	3.75	0	9
898	62.6	105	26	3.19	0	9
899	62.2	105	30	3.81	0	10
900	66.9	109	27	1.39	0	5
901	61.6	95	22	6.14	0	15
902	58.0	97	28	3.65	0	11
903	62.4	96	27	1.44	0	4
904	61.4	100	30	5.56	0	11
905	59.7	97	32	4.33	0	12
906	62.0	95	32	4.78	0	11
907	61.9	95	25	2.93	0	10
908	60.4	93	27	3.41	0	10
909	62.9	98	28	3.45	0	10
910	67.3	111	19	2.04	0	6
911	66.9	108	25	3.05	0	9
912	61.8	104	28	2.01	0	6
913	65.8	101	27	2.45	0	8
914	62.2	93	29	6.48	0	13
915	56.7	94	20	4.81	0	12
916	58.0	92	29	3.87	0	11
917	59.7	103	19	2.07	0	8
918	63.3	102	27	1.58	0	7
919	67.2	108	22	2.21	0	5
920	62.2	98	26	3.53	0	11
921	68.2	108	30	3.62	0	9
922	63.5	108	30	3.79	0	9
923	66.1	100	30	3.94	0	8
924	58.6	89	26	4.04	0	11
925	61.5	98	30	6.00	0	14
926	60.7	104	22	2.61	0	9
927	61.2	99	22	2.82	0	9
928	58.2	92	24	4.89	0	12
929	61.4	98	21	1.44	0	7
930	63.3	96	30	3.09	0	10
931	68.4	110	27	2.35	0	8
932	67.0	98	34	3.92	0	10
933	70.7	110	33	1.77	0	7
934	64.3	100	29	3.04	0	11
935	60.3	99	25	3.04	T	10
936	66.4	110	28	1.34	0	6
937	63.5	109	25	4.03	T	7
938	64.2	99	27	2.73	0	9
939	60.1	99	29	4.59	0	12
940	63.1	102	27	2.24	0	9
941	64.2	97	32	5.54	0	12
942	60.1	90	27	3.12	0	11
943	60.4	102	28	5.07	1.3	13
944	61.7	93	30	6.43	T	13
945	57.5	99	28	2.48	0	11
946	63.2	100	26	3.06	0	10
947	59.6	90	24	5.81	T	14
948	62.4	101	30	3.12	0	10
949	63.7	104	26	2.64	T	9
950	62.2	101	25	3.14	T	9
951	58.6	'93	28	2.89	.3	12
952	64.9	102	30	3.21	T	10

a for the period beginning with 1949 to date have been weighted for size of the area in each division and are not comparable with unweighted values published this table for earlier years.

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature												Precipitation									
									No. of Days								Snow, Sleet, Hail			No. of Days		
									Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00
EASTERN DIVISION																						
AMENIA	80.6	55.2	67.9	4.0	97	7	38	1	41	4	0	0	0	1.65	-1.94	.48	28	T	0		11	0	0
ARVILLA STATE PARK	79.6				93	5	32	1		3	0	1	0	3.14		.89	23	.0	0		7	3	0
BALOHILL OAM	82.6	51.9	67.3M		100	7	30	1			0	1	0	2.58		.90	28	.0	0		9	2	0
CARRINGTON	75.9	50.0	63.0M	- .4	93	6	36	1+		2	0	0	0	4.84	1.39	1.06	24	.0	0		16	4	2
CAVALIER	79.4	53.9	66.7	4.1	94	5	36	1	40	4	0	0	0	1.67	-1.41	.65	28	.0	0		7	2	0
COOPERSTOWN	79.8	51.9	65.9	2.7	93	5	38	3	59	4	0	0	0	3.49	.22	1.90	23	T	0		7	2	1
DEVILS LAKE WB CITY	76.5	52.5	64.5	2.6	93	5	41	1+	76	1	0	0	0	2.92	- .64	1.23	28	T	0		13	2	1
EDGELEY EXP FARM	78.5	51.0	64.8	1.2	94	6	36	1		4	0	0	0	1.56	-2.11	.94	28	.0	0		7	1	0
EDMORE 1 W	77.2	49.1	63.2M	.9	991	5	36	1	103	1	0	0	0	2.10	-1.01	.98	2	.0	0		6	2	0
ELLENDALE	84.0	55.8	69.9	5.1	97	6	41	1+	30	10	0	0	0	2.30	-1.11	.83	27	.0	0		12	1	0
ENDERLIN	79.5	51.9	65.7		94	6	35	1		4	0	0	0	1.78		.80	28	.0	0		10	1	0
FARGO WB AIRPORT //	79.7	54.9	67.3	2.9	98	7	40	1+	49	4	0	0	0	2.03	-2.02	.53	11+	T	0		11	2	0
FORMAN	81.4	55.7	68.6	3.6	96	7	41	3	37	5	0	0	0	3.54	- .06	.80	15+	.0	0		7	4	0
FULLERTON	81.7	54.5	68.1	3.9	94	5+	39	3	37	8	0	0	0	2.75	-1.16	.68	27	.0	0		9	4	0
GACKLE	81.5	53.0	67.3M	4.3	95	5	39	3	45		0	0	0	2.15	-1.32	1.21	28	.0	0		6	1	
GRAFTON ST SCHOOL	79.5	52.7	66.1M	2.4	94	6	36	1	50		0	0	0	2.10	-1.15	.78	28	.0	0		8	2	0
GRAND FORKS CAA AP	78.3	52.0	65.2	1.8	93	5+	40	1+	73	3	0	0	0	3.91	.63	.95	30	T	0		13	4	0
GRAND FORKS UNIV	78.0	52.2	65.1M	1.7	94	7	39	1+	73		0	0	0	3.43	.15	1.52	23	T	0		11	2	1
GRAND RAPIDS 1 N	83.0	52.4	67.7M		93	5	34	1	45	7	0	0	0	1.43		.42	28	.0	0		8	0	0
HANKINSON R R STA	79.7	55.6	67.7	.8	98	8	40	3		3	0	0	0	2.66	- .92	.93	23	.0	0		7	3	0
HANNAH	74.2	49.6	61.9M	1.4	90	5	36	10	117	1	0	0	0	3.22	- .19	1.46	28	.0	0		13	2	1
HILLSBORO	80.0	54.1	67.1	2.4	95	7	39	1	41	3	0	0	0	2.32	-1.10	.60	2	.0	0		11	1	0
JAMESTOWN CAA AP	79L5	51.9	65.7	2.0	96	5	34	1	72	6	0	0	0	2.18	-1.32	.62	20	.0	0		10	1	0
JAMESTOWN ST HOSP	81.6	50.9	66.3	2.6	97	5	35	1	50	8	0	0	0	1.99	-1.51	.58	28	.0	0		9	1	0
KENSAL WILDLIFE REF	79.8	50.3	65.1		94	5	32	1	72	3	0	1	0	4.23		1.78	23		0		12	2	1
LANGDON EXP FARM	76.2	49.0	62.6	2.0	91	5	36	3+	101	1	0	0	0	3.20	- .04	1.17	28	.0	0		11	3	1
LARIMORE	79.3	53.3	66.3	3.4	92	5+	38	1	47	3	0	0	0	2.70	- .86	.84	23	.0	0		7	2	0
MAYVILLE	79.7	54.5	67.1	2.6	94	7	34	1	41	4	0	0	0	1.98	-1.39	.80	23	T	0		8	1	0
MC HENRY 5 N	75.9	51.0	63.5	1.7	90	5	37	1	94	1	0	0	0	4.28	.81	1.65	2	T	0		12	2	2
MC LEOD 3 E	81.0	54.8	67.9M	2.6	97	7	40	3	40	5	0	0	0	1.71	-2.12	.69	28	.0	0		9	1	0
MUNICH 4 SW	75.4	49.2	62.3		91	5	36	3	112	3	0	0	0	2.59		.91	28		0		12	1	0
OAKES	73.6	54.7	66.7	1.4	95	8	38	1		4	0	0	0	2.38	-1.26	.96	28	.0	0		11	2	0
PARK RIVER	79.5	54.0	66.8	3.7	92	5+	40	1	37	5	0	0	0	1.81	-1.45	.77	28	.0	0		8	1	0
PEMBINA 2 N	79.2	51.9	65.6	2.8	92	7	37	10+	44	4	0	0	0	1.97	-1.22	.81	2	.0	0		7		0
SHARON	77.1	53.2	65.2	2.2	89	5	42	1+	59	0	0	0	0	3.15	- .46	1.50	23		0		11	1	1
VALLEY CITY	81.8	54.9	68.4	4.3	95	5	34	1	46	8	0	0	0	1.95	-1.60	.52	28	T	0		10	1	0
WAHPETON ST SCHOOL	82.9	55.5	69.2	3.4	98	7	40	1+	32	6	0	0	0	2.69	- .89	.64	28	T	0		9	2	0
DIVISION			66.1	2.5										2.60	- .94			T					
MIDDLE DIVISION																						
ASHLEY	80.7	54.2	67.5	4.3	94	5+	37	3	49	5	0	0	0	2.62	- .80	.98	28	.0	0		12	2	
BELCOURT INDIAN RES	72.9	47.0	60.0		88	5	30	1	161	0	0	1	0	5.61		1.72	28	T	0		10	3	
BISBEE	75.7	50.6	63.2	1.1	92	5	36	1	87	1	0	0	0	2.59	- .77	1.96	28	.0	0		6	1	
BISMARCK WB CITY	79.3	55.9	67.6M	3.4	96	7				4	0	0	0	3.70	.47	2.34	28	T	0		11	1	
BISMARCK WB AIRPORT	81.2	53.2	67.2	4.3	98	6	39	3	49	5	0	0	0	3.24	- .11	1.67	27	.0	0		13	2	
BOTTINEAU	73.2	50.0	61.6	- .2	89	6	36	3		0	0	0	0	3.24	.05	1.20	28	.0	0		13	2	
BUTTE	76.5	50.8	63.7	1.2	93	16	41	3		5	0	0	0	4.74	1.34	2.57	28	T	0		10	4	
CENTER	80.5	51.6	66.1M	2.4	100	15	33	3	53	4	0	0	0	3.41	- .15	2.28	28	.0	0		11	1	
DRAKE	76.2	52.6	64.4	.6	92	6	40	3		4	0	0	0	5.88	2.72	2.76	28	.0	0		11	3	
ECKMAN	75.1	46.2	60.7M	- 1.3	90	5+	34	3		2	0	0	0	3.01	.03	2.35	28	.0	0		7	1	
FESSENDEN	78.6	49.2	63.9	1.3	91	5	38	3	72	1	0	0	0	4.08	.60	1.82	28		0		13	2	
FORT YATES	84.0	55.3	69.7M	3.1	98	12	38	3+	50	8	0	0	0	3.66	.19	1.65	28	.0	0		10	2	
FOXHOLM 7 N	78.9	50.0	64.5	2.6	92	4+	34	19	61	2	0	0	0	3.12	.14	2.81	28	.0	0		7	1	
GARRISON	78.5	51.1	64.8	1.9	92	5	38	3	72	4	0	0	0	3.18	- .24	1.27	28	.0	0		9	3	
GRANVILLE	77.2	50.7	64.0	1.3	91	5	35	19	79	2	0	0	0	4.47	1.28	3.65	28	.0	0		10	1	
HANSBORO	74.6	49.3	62.0M	1.2	90	5	37	1	114	1	0	0	0	7.79	4.47	5.05	22	T	0		13	3	
LEEDS	80.5	51.5	66.0M		94	5	39	19	58	4	0	0	0	3.42		1.57	28	T	0		9	2	
LINTON	82.9	54.9	68.9	3.7	96	6+	37	3	38	7	0	0	0	3.64	.37	1.13	28	T	0		10	2	
MADDOCK AGR SCHOOL	78.6	51.3	65.0	2.8	93	5	36	1+	68	4	0	0	0	3.89	.50	1.81	28	.0	0		9	2	
MANDAN EXP STATION	78.9	53.3	66.1	1.7	98	16	37	3		4	0	0	0	4.38	1.10	2.15	28	.0	0		11	2	
MANDAN FT LINCOLN PARK	83.4	53.6	68.5M		100	15	40	1+	38		0	0	0	4.34		2.40	28	.0	0		10	1	
MAX	77.4	52.0	64.7	1.1	92	6+	41	18		3	0	0	0	5.81	2.42	2.75	28	T	0		13	3	
MC CLUSKY	78.6	52.1	65.4	3.1	92	6	40	3	57	3	0	0	0	6.24	2.78	3.74	28	T	0		11	2	
MINOT CAA AP	75.1	50.9	63.0	.4	90	4+	41	3+	93	2	0	0	0	3.59	.48	2.15	28	T	0		10	2	
MINOT EXP FARM	77.7	50.8	64.3		90	5	40	19	63	1	0	0	0	4.14		2.37	28	.0	0		10	2	
MOHALL	76.9	48.3	62.6	.9	92	4	35	1	99	2	0	0	0	3.95	1.02	3.24	28	.0	0		7	1	
NAPOLEON 1 SE	81.3	53.1	67.2	4.3	95	5+	36	3	49	7	0	0	0	2.48	- .88	.91	28	T	0		10	2	
NEW SALEM 1 S	80.8	50.6	65.7	2.1	100	15	40	19	60	5	0	0	0	2.93	- .52	1.36	28	.0	0		11	1	
PETTIBONE	78.7	53.0	65.9M	3.3	93	5	37	3	54	2	0	0	0	3.10	- .01	1.54	28	.0	0		12	1	
RIVERDALE	77.7	52.2	65.0		95	16	40	3		4	0	0	0	3.22		2.15	28	.0	0		11	1	
ROLLA	73.1	49.1	61.1	.8	88	5	32	1	131	0	0	1	0	6.67	3.27	2.57	22	T	0		13	4	
RUGBY	77.8	51.9	64.9		92	5	39	1+	61	1	0	0	0	5.12	2.02	2.37	28	T	0		11	3	
SAN HAVEN	73.5	51.0	62.3		88	5	39	1	106	0	0	0	0	2.93		1.68	28		0		11	1	
STEELE	81.5	52.7	67.1	4.1	94	5+	38	3	41	7	0	0	0	4.60	1.04	1.28	28	.0	0		13	3	
TOWNER	77.2	49.6	634.M	.0	92	5	35	1	93	2	0	0	0	5.15	2.04	3.02	28	.0	0		11	3	
TURTLE LAKE											0	0	0	5.76	2.29	4.27	28	.0	0		12		
UNDERWOOD	77.4	51.9	64.7	.4	94	7	41	3		4	0	0	0	3.31	- .11	2.00	28	.0	0		14	1	
UPHAM 3 N	80.4	48.3	64.4M		96	5	35	19	65	4	0	0	0	3.13		2.70	28	.0	0		9	1	
VELVA	77.0	51.5	64.3	- .3	89	5	40	19	69	0	0	0	0	5.67	2.74	3.20	28	.0	0		14	2	
WASHBURN	81.1	53.0	67.1M	2.2	95	6			33	4	0	0	0	5.30	1.91	3.88	28	.0	0		11	2	

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

BLE 2 - CONTINUED

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
STHOPE	75.1	49.1	62.1	- .6	93	5	37	3+	123	2	0	0	0	3.82	.81	2.69	28	.0	0		0	1	1
LLOW CITY	75.8	47.9	61.9	.6	92	5	33	19	118	1	0	0	0	3.69	.64	2.57	28	T	0		8	2	1
LTON R R STA	76.1	52.2	64.2M	1.4	92	7+	39	3		4	0	0	0	7.45	4.17	3.27	23	T	0		16	3	2
SHEK	81.0	54.1	67.6M	4.0			35	3	47		0	0	0	3.25	- .21	1.22	28	.0	0		8	3	1
DIVISION			64.8	1.6										4.21	.73			T					
WESTERN DIVISION																							
MONT 7 SW	81.4	54.0	67.7		100	15	40	3	39	5	0	0	0	4.24		1.71	28		0		13	2	1
IDON	79.3	50.1	64.7M	1.9	98	7+	40	3		4	0	0	0	2.79	- .69	.85	22	T	0		10	2	0
ACH	78.2	49.8	64.0	1.4	96	7	38	1		3	0	0	0	1.62	-1.97	.97	28	T	0		10	1	0
LFIELD	79.9	48.9	64.4	2.7	100	7	39	9	79	4	0	0	0	2.20	-1.22	.70	10	T	0		11	2	0
WBELLS	73.9	48.1	61.0	- .8	90	5	35	1		1	0	0	0	3.46	.22	2.00	28	.0	0		6	2	2
WBELLS 5 E	70.9	48.5	59.7		85	5	38	19		0	0	0	0	3.72		2.52	28	.0	0		7	2	1
WMAN COURT HOUSE	81.1	49.8	65.5	2.1	97	6+	40	3	61	5	0	0	0	2.60	- .51	.85	27	T	0		11	1	0
OSBY	74.9	48.3	61.6	- .1	86	4+	38	26	124	0	0	0	0	2.94	- .22	1.24	28	T	0		12	3	1
CKINSON CAA AP	79.5	51.2	65.4	3.3	100	6	39	3	64	5	0	0	0	3.34	- .18	.75	6	T	0		12	2	0
CKINSON EXP STA	78.9	50.0	64.5	2.4	102	7	35	3		5	0	0	0	3.80	.28	1.37	7	T	0		9	3	1
NN CENTER	78.6	48.5	63.6	1.1	97	7	34	3		5	0	0	0	2.97	- .73	.92	28		0		9	3	0
BOWOODS	80.1	50.5	65.3M	1.9	96	6			67	4	0	0	0	1.72	-1.96	.99	28	T	0		6	1	0
PING	79.8	49.9	64.9	1.8	92	14	37	18	66	4	0	0	0	2.22	-1.09	1.12	28	.0	0		7	1	1
ENORA	76.2	47.7	62.0M	1.0	92	11			125	2	0	0	0	2.84	- .12	1.82	28	.0	0		5	1	1
TTINGER	82.0	51.9	67.0M	3.0	99	12	39	3	49	4	0	0	0	2.26	- .90	.74	27	T	0		10	1	0
NMARE	74.9	48.5	61.7	- .7	89	5	40	1+		0	0	0	0	3.17	.28	1.85	28	.0	0		7	2	1
STWOOD 12 N	75.8	45.6	60.7M		85	4	34	19+	144	0	0	0	0	2.52		1.84	28	.0	0		8	1	1
RMARTH	82.1	52.1	67.1M	3.7	99	12	40	9	38	4	0	0	0	2.21	- .92	.59	25	.0	0		12	1	0
DORA 4 NNE	82.1	50.6	66.4		99	6	35	3	50	5	0	0	0	1.52		.57	27	.0	0		8	1	0
TT	79.5	48.4	64.0M	- 1.0	95	6+	34	2	81	4	0	0	0	3.92	.67	1.55	27	.0	0		8	2	2
W ENGLAND	80.6	50.2	65.4	1.8	98	12	37	3	64	4	0	0	0	2.64	- .52	.65	22	T	0		11	2	0
RSHALL	79.2	46.9	63.1	1.1	92	6	32	3	95	4	0	1	0	2.84	- .65	1.54	28	T	0		9	3	1
RTAL	73.6	47.6	60.6M	.0	87	5				0	0	0	0	3.37	.28	1.74	28	.0	0		9	2	1
WERS LAKE 1 N	74.9	46.5	60.7	- .8	88	4	34	21	145	0	0	0	0	1.86	-1.43	1.46	28	.0	0		7	1	1
CHARDTON ABBEY	81.7	52.4	67.1	4.0	98	6	40	3	42	6	0	0	0	2.56	- .91	.83	11	T	0		10	2	0
NISH	77.9	46.4	62.2	- 1.1	97	7	32	3		3	0	1	0	3.42	.05	1.02	28	.0	0		11	2	1
ANLEY	76.1	46.5	61.3M		87	4+	35	19	143	0	0	0	0	2.59	- .81	1.87	28	.0	0		7	1	1
N HOOK	79.6	49.9	64.8M		95	6	35	3	61		0	0	0	2.24		.68	28		0		8	3	0
TFORD CITY	79.1	50.3	64.7	1.6	98	6	37	3	74	4	0	0	0	3.55	.40	1.02	28	.0	0		8	3	1
LLISTON WB CITY //	76.8	52.1	64.5	1.8	95	6	43	3	66	2	0	0	0	3.04	- .39	1.68	28	T	0		11	1	1
DIVISION			63.9	1.2										2.81	- .69			T					
STATE			64.9	1.8										3.21	- .30			T					

EVAPORATION AND WIND

ble 6

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
BELLS 5 E	EVAP	.19	.14	.08	.34	.47	.40	.31	.30	.34	.31	.16	.29	.24	.41	.29	.08	-	.45	.35	.21	.02	.05	.31	.40	.24	.09	.16	-	-	.15		7.538
	WIND	29	137	23	39	112	68	148	173	181	38	181	93	110	100	68	162	208	234	110	102	81	111	35	92	94	26	35	158	71	137		3156
ILS LAKE WB CITY	EVAP	.29	.16	.20	.37	.32	.33	.43	.42	.35	.45	.19	.26	.29	.33	.28	.38	.31	.34	.21	*	*	.30	.08	.13	.15	.09	.14	.09	.07	.11		7.07
	WIND	36	89	43	58	54	35	99	137	75	59	73	44	45	42	92	129	64	110	31	44	46	54	-	-	-	-	-	93	47	64		19968
KINSON EXP STA A	EVAP	.20	.22	.24	.16	.34	.38	.48	.33	.31	.33	.30	.25	.38	.30	.33	.34	.30	.29	.25	.28	.24	.27	.16	.27	.14	.03	.08	.08	.18	.20		7.66
	WIND	100	130	130	110	100	150	150	160	110	120	230	90	210	90	210	180	130	150	85	205	85	135	60	70	50	70	100	130	120	165		3825
ELEY EXP FARM	EVAP	.21	.24	.26	.09	.26	.40	.39	.36	.33	.26	.27	.27	.37	.31	.34	.22	.41	.37	.31	.18	.27	.10	.06	.20	*	*	.19	.02	.11	.39		7.19
	WIND	11	27	77	68	31	27	29	25	45	14	63	22	53	60	76	77	23	28	21	46	73	102	4	15	25	20	30	43	66	89		1290
DAN EXP STA A	EVAP	.12	.18	.22	.17	.17	.28	.30	.34	.34	.27	.30	.18	.22	.32	.41	.44	.33	.28	.27	.26	.14	.16	.08	.14	.10	.03	.06	.15	.12	.13		6.51
	WIND	50	175	148	101	108	96	161	169	120	107	259	74	157	122	198	189	129	144	109	194	158	122	55	50	50	52	69	164	133	121		3784
ERDALE	EVAP	.26	.27	.21	.29	.34	.37	.38	.46	.51	.40	.38	.35	.40	.40	.41	.45	.33	.41	.40	.27	.30	.18	.25	.11	.20	.18	.11	.63	.29	.22		9.76
	WIND	77	171	101	127	97	136	211	133	130	133	281	102	174	75	177	168	154	127	95	214	174	158	60	52	68	73	87	204	136	160		4055

PAN 6 FEET IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station		Total	Day of month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
ADAMS 7 S		1.51		.30			.17						.06		.30							.05		.02	.04				T	.57			
ALEXANDER		3.67		.41				T	.03			.49		.36		.10					.02		.04					.75	1.47			
ALMONT 7 SW		4.24				.14			.17			.02	.42							.03		.11	.29	.17		.20	.25	.08	.65	1.71			
AMBROSE		3.25	1.23					.06	.03								.02				.42			.02	.05				.10	1.32			
AMENIA		1.65		.09									.34					.08		.09		.09			.10	.05	.10	.06	.17	.48			
AMIOON		2.79		.03					T	.07		.09	.11									.26		.85		.09	.13	.47	.67	.11			
AMIOON	R	2.62	.05						.08			.09									.27		.81			.19	.41	.24	.43	.05			
ANTLER		4.31	.12	.10					.02			.25					.20				.35	.17	.02						.05	2.99	.04		
ARVILLA STATE PARK		3.14		.59									.26		.72		.17					.03			.89	T	T			.48			
ASHLEY		2.62			.02	.19			.01	.51			.09				.02							.12	.10	.10	.11		.37	.98			
BALOHILL DAM		2.58				.02							.33							.15		.40	.10		.05		.55	.08	T	.90			
BALTA		5.20		.33		.03						.02	.09		.25			.04				.08	.17		1.64					2.55			
BANTRY		3.17		T	T								.05			.03	.03					.03		.03						3.00			
BEACH		1.62		T		.03			.01				.05				.14	.02				.07		.17						.97			
BEACH	R	1.88			.04				.03			.06				.15	.02				.07		.17			.04	.10	1.20					
BELCOURT INDIAN RES		5.61	T	.10		.11							.08		.45		.07					.21	T	1.57	1.26					1.72	.04		
BELCOURT INDIAN RES	R	6.08		.11		.13						.06			.55		.04				.06	.14		2.90	.02					2.06	.01		
BELFIELD		2.20	T	T	.02	T		.05				.70	.05			T	.15	T		T		.19	T	.12		T	.55	.05	.18	.14	T	T	
BERTHOLD		3.04		.02					.04			.12				.01	T					.16	.05	.01	.01				.12	2.48	.01	.01	
BEULAH		3.37							.26				.24				.50					.02		.41	.01			T	.32	1.60		.01	
BEULAH	R	3.29						.10	.17			.21				.49					.02		.06	.34				.06	1.37	.45		.02	
BISBEE		2.59		.30		.09				.01												.04			.19					1.96			
BISMARCK WB CITY		3.70	T	T			.02		T	T			.26			T		.16		.03		.11	T	.12	.04	T	.14	.13	.35	2.34			
BISMARCK WB AIRPORT	R	3.24				.01			T			.24				T	.13	T	.02	.01		.11	.12	.02		.12	.15	.08	1.67	.56			
BOTTINEAU		3.24		.07			.12		.10				.16		.11		.01	.38				.28	.03		.20	.01				1.20	.57	T	
BOWBELLS		3.46		.20								.08										.12		T	T					2.00	1.00	.06	
BOWBELLS 5 F		3.72		.36					.03				.12					T				.10		T						2.52	.57	.02	
BOWMAN COURT HOUSE		2.60		.13					.20	.18												.40		.02		.41	.25	.10	.85	.03		.03	
BOWMAN 11 SE		1.92		.01					.11													.14				.29	.18	.14	1.05	T			
BOWMAN 30 NNW		1.76										T					.20				T			.05		T	.53	.03	.50	.45			
BREIEN	R	3.17				.04			.03	.19		.16											.15	.01		.21	.35		1.87	.16			
BUCHANAN	R	2.30		.05					.12			.35								.06	.03	.59		.12	.03		.05		.33	.57			
BURT 16 N		3.39				T						.61										.07		.20	.30		.20	.09		1.92			
BUTTE		4.74		.52		T			.03				.12		.52			.13					.03		.69	.10			.03	2.57			
CANDO	R	2.65	.01	.64		.03						.07			.05		.09	.01				.35			.58					.80	.02		
CARRINGTON		4.84		.82		.02	.07		.04				.20				.25	.18				.03	.10	T	.86	1.06	.05	.02	.02	1.00	.12	T	
CARSON	R	5.49				.11			.16	.45		1.01									.05		.04	.26		.15	.18	.08	2.80	.20			
CAVALIER		1.67		.51		T	.22										.13	.01							.03	.12				.65	T		
CENTER		3.41		.06		.07		.10					.09	.01								.30	.10		T	T	.04	.06	.30	2.28			
COLGATE		1.65		.12		.05							.17				.28			.04		.02			.05	.21	.07	.04	.08	.52			
COLUMBUS		1.99		.18				.02	.01			.02	.08				T					.19	T	.01	.01					1.33		.14	
COOPERSTOWN		3.49		.16					.17			T	.25				.50				T	T			1.90	.06	T		T	.44			
COURTENAY		2.18		.13	.04				.09				.40				.30				T	.13	.20	.19	.54	.04	T	.01	.11				
CROSBY		2.94		.75				.07	.05			.01	.03	.08		T	T				.02	.51		.07	.04				.07	1.24			
CROSBY	R	2.88	.76					.04	.05				.02	.08			.05				.26	.24		.09					.11	1.18			
DEVILS LAKE W R CITY	R	2.92	.05	.18		.20			.01			.10		.02	.68		.01		T		T	.23	.17	.03	.01			T	T	1.23	T	T	
DICKINSON CAA		3.34	T		T			.75	.01			.20				.29		T	T		.04		.42	.32		T	.15	.14	.68	.34		T	
DICKINSON EXP STA		3.80		.03					1.37				.37				.10	T				.12		.57			T	.21	.45	.58	T	T	
DONNYBROOK		2.83		.02	T			.03				.16								T									T	2.54	.08		
DRAKE		5.88		.42					.02				.11		.37		T	.04				.03	.60		1.40	.04		.09		2.76			
DUNN CENTER		2.97				T			T				.79		.55		.05					.04		.45	.08				.05	.92	.04		
ECKMAN		3.01		.02									.22					.02				.06	.04							2.35	.30		
EDGELEY EXP FARM		1.56								.21			.06		T							.07			.10	T	.03	.15	T	.94			
EGMORE 1 W		2.10	T	.98		.12			T			T	.05		.33							T								.56	T	.06	
ELBOWOODS		1.72		.14					.03			T		.32										.20	.04					.99			
ELGIN 5 S		6.27		T	T	.06			T	.40			.63				.47		T			.03		.48	T	.09	.06	.15	1.35	2.55			
ELLENDALE		2.30		T	T	.03				.38			T		T		.35	.05			T	.03		.02	.13	.02	.11	.04	.83	.31			
ENDERLIN		1.78					.01			.13			.42		T			.05		.01		.18			.05		.02	.11		.80			
EPPING		2.22		.35				.09	.10			.05	.07																.44	1.12			
ESMOND	R	4.19		.15								.17		.51	.17		.13				.04	.45	.18	.16	.02				.20	1.96		.05	
FAIRFIELD 8 N		1.79										.52										.20							.67	.40			
FARGO WB AIRPORT	R //	2.03	T	T		T				T		T	.53	T	T		T	.45	.03	.11	T	.07	T	.12		.01	.01	T	.14	.53	T	.03	
FESSENDEN		4.08		.44		.14			.26				.15		.14		.31				T	.04	.04	.12	.57	.03				1.82		.02	
FLASHER		4.46					.29			.65			.43					.24				.06		.10			.18	.09	.50	1.92			
FLAXTON		2.97		.43	T			.03	T			T	.12				T	T	.03			.28	.01	T					.01	2.00		.06	
FORBES 13 NW		2.64			.04					1.00			.06								T	T		.08		.04	.08		.51	.83			
FORMAN		3.54				.05											.80	.66				.05			.77	T	T		.41	.80			
FORT YATES		3.66			.27					.18			.05									.06		.40		.31	.13	.01	.60	1.65			
FORT YATES	R	3.53				.17			.01	.20		.05										.07		.37		.30	.11		2.15	.10			
FOXHOLM 7 N		3.12	T	.04				T	.04				.13									.04	.02	T	T				.04	2.81	T	T	
FRYBURG	R	2.36							.47			.60				.22					.26		.10			.20	.13	.28	.10			
FULLERTON		2.75								.61			.03				.54					.03		.06		T	.08		.68	.54		.18	
GACKLE		2.15											T									.22		.07	T	.27	.05		.33	1.21			
GARRISON		3.18	.04	T		.06		.80	T			.03		.02		T			T		T	T	T	.02	T		T	T	.93	1.27	T	.01	
GLEN ULLIN 13 N		2.67		.05		.03			.27				.25				.03					.11		.06				.04	.30	1.51		.02	
GOLDEN VALLEY 10S		2.35		.04		.09			.11			T	.28				.12							.16			.07	.17	.31	1.00			
GRACE CITY	R	7.42	*	2.20		.07						.14	.01				.76					.04		.56	2.60	.03			.03	.98			
GRAFTON STATE SCHOOL		2.10		.64			.16			.03			.02		T		.21	.08				T			.18	T			T	.78	T		
GRAND FORKS CAA		3.91		.52		.15			.02	T		T	.05		.87		.14		T			.01		T	.77	.04	.02		.01	.36	T	.95	
GRAND FORKS UNIV		3.43		.06		T	.13		.02				.06		.87		.17	.01							1.52	.06	.04		T	.49	T		
GRAND RAPIDS 1 N		1.43							T				.19		T		T					.12	T		.10	.07	.11	.02	.40	.42			
GRANVILLE		4.47				.09						.11										.05	.21	.19			.07		.07	3.65	.01	.02	
GRASSY BUTTE	R	2.99	.08						.04			.65	.03								.05		.15	.02				.13	1.08	.74		.02	
GRASSY BUTTE 10N		2.70	.06									.62												.21		T			*	1.81			
GRENORA		2.84	.17	.15																		.42		.28						1.82			
HALEY	R	1.11																					.01				.18	.34	.57	.01			
HALLIDAY		1.64	.03						.30			.51					.25					.05	.04	.20					.04	.18		.04	
HALLIDAY	R	2.17	.05		.04			.29	.07			.51				.24					.05	.01		.19			.05	.03	.19	.42		.03	
HANKINSON R R STA		2.66		T						.07								.50				.18	T		.93		.04	.03	.91				
HANNAH		3.22	.01	.39		.05							.01		.03		.53	.22				.03		.08	*	.40				1.46	.01		
HANSBORO		7.79	.01	.15		.01							.07		.16		.01	.98				.16	.01	5.05	.01					1.16	T	.01	
HARVEY 3 NE		3.72	.07			T			.02				.15		.78		.10		T		T	T	.10	.15	.13		T		.02	2.20	T	T	
HAYNES 6 NE	R	1.92						.08	.01			.01											.26	.01		.10	.12	.18	1.15				
HETTINGER		2.26		.02					.12	.16													.37	.12		.15	.18	.14	.74	.26			
HETTINGER 17 N		2.85							.27			.07									.05	.01	.09	.01		.16	.19	.20	1.71	.09			
HILLSBORO		2.32		.60		T				T			.12		T		.27	.20		.02	T	T	.01		.42	.23	.06		.04	.35			
JAMESTOWN CAA		2.18	T	T		T						.10	T				.16		T	.15	T	.62	.02	.10	T	.13	.07	T	.44	.39	T	T	
JAMESTOWN STATE HOSP		1.99											T				.05			.10		.22	.44	.08	T	.13	.06		.33	.58			
KEENE 2 S		1.91	T					T	.21					.16			.01					.03	.22						.57	.66		.05	
KENMARE		3.17		.25	.01								.11									.10								1.85	.83	.02	
KENMARE	R	3.08	.23	.05								.10																	.20	2.45	.05		
KENSAL WILDLIFE REF		4.23		.30		.08			.19				.32				.16					.24	.05	.18	1.78		.04		.09	.80			
KILLDEER 8 NW		2.30		.30								.42												.18					.64	.76			
KULM		2.12								.20			.03									.06		.11	.04	.24	.15	.01	.48		.80		
LANGDON EXP FARM		3.20		.80			.12						.02				.15	.04				.02	.05		.75	.05				1.17	.03		
LANSFORD		4.49		.03					.06				.22				T					.06								4.12			
LARIMORE		2.70		.70					T				.11		.20		.35					.02	T		.84	T	T		T	.48			
LEEDS		3.42		.25		.02	T					T	.10		.65		T	.30	T			.10	.13		.30				T	1.57	T	T	
LEFOR 10 F		2.81									.24	.30					.16			T		.04	.02	.19	.02	.09	.30	.07	.68	.70			
LINTON		3.64		.06		.01				.29		T	.01				T					T		1.01	.34	.25	.26		.28	1.13			
LITCHVILLE		1.78								.10			.30		T					T	T	.24	.04	T	.06	.05	.18		.32	.50	T		
LOSTWOOD 12 N		2.52	T	.38					T			.05	.05				T					.08	T						.04	1.84	.01	.07	
MADDOCK AGR SCHOOL		3.89		.27		.06		T	T			.01	.13		.42		.21					T	.87	T	.11				T	1.81		T	
MANDAN EXP STATION		4.38	T				.05		T	T			.23					.53		.01		.10	T	.36	.01	T	.23	.38	.33	2.15	T		
MANDAN FT LINCOLN PARK		4.34				T			T				.34				.27			.04		.11		.28		.18	.25	.06	.41	2.40			
MANNING	R	3.03	.05					.03	.05			1.20		.18									.14	.06			.01	.06	.34	.91			
MARMARTH		2.21		.15					.10	.17		.08						.05				.10	T	.09		.27	.59	.27	.32	.02			
MARMARTH M O U CO	R	2.17	.15					.07	.16			.07					.05				.05		.09	.01		.27	.68	.28	.27	.02			

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station		Total	Day of month																											
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
TIN		3.87						T	T				.18	T	T		.21					.09		.08	.10					3.21	T		
		5.81		.13			.22		.52				.15		1.40		.05	.06			T		.04	.06	T		T	.25	.05	2.75	.11		
VILLE		1.98		.38									.11		T		.16		T	T	T		.01		.80	.14	.02			.38			
CLUSKY		6.24				.15			.04				.04		.40		1.21				.02	.13		.20	.25			.06	3.74			
HENRY 5 N		4.28		1.85		.04			.04				.11				.32							.09	1.60	.0	.02	T	.01	.38	.01		
LEOD 5 E		1.71							.10			.13					.06					.12	.02		.36	.08	T	.15		.69			
VILLE		3.68		1.24		.20							.18		.04		.65					.02		.10	.90					.35			
INA 1 W		4.07		.12					.25				.39							.10		.34	.45	.19	.55	.06	.15	T	.92	.95			
ORA 4 NNE		1.52			.03							.02	.11				.47							.22			.04	T	.57	.06			
ORA 23 NNW		1.74							.05	T		.71				T						T		.18				T	.70	.10			
VILLE	R	5.44	.20	.27		.05			.06			.47					.90					.18		.15	1.75				.13	1.28			
OT CAA		3.59	.16	.01		T		T	T	T		.17		T			.01				.01	.30	T	T	T		.01	T	.73	2.15	.04	T	
OT EXP FARM		4.14		.15					.05			T	.10				.03					.10	.03	.02	T		.25		.14	2.37	T		
FIT 4 SE		3.04		.02								T	.14				T	.01		T		.09	.14	.13	.13	.15	.10	.11	.32	1.70			
ALL		3.95	T	.15					T			T	.74			T	.02					.27		.02			T	T		3.24		.01	
TPELIER		2.56		T					T	.09		.01	.06							T	T	.21	.06	.08		.98	.07		.50	.50	T	T	
T		3.92	T			T			T	.40		1.16										T	T	.09	T	.16	.14	.71	1.55	.21			
ICH 4 SW		2.59	.06	.40		.05			T	T			.04		T		.30	.05	T			.19	.01	.02	.32	.24		T	T	.91	T		
OLEON 1 SE		2.48		T					T	.14		.04				T				.03				.21	.17	.22	.08	.01	.67	.91			
OLEON 1 SE	R	2.55							.04	.10		.05								.03			.02	.26	.10	.70	.05	.05	1.18	.47			
ENGLAND		2.64		.03					.38			.13					.05					.05		.65		.17	.35	.12	.50	.21			
ROCKFORD 7 WNW		3.26		.12		.19			.01	T			.09		.18						.02	.04	T	.38	.47	.02	T		T	1.74		T	
SALEM 1 S		2.93				.20			.16				.25				T			.09		.07		.20	T	.25	.10	.05	.20	1.36			
NAN		2.23							.05			.33					.04					.53							.07	1.15		.06	
THGATE	R	5.07	.37					.02				.13					.03	.02			.12	.43								3.85		.10	
TONVILLE		1.91								.11			.30									.08			.12	.21			.44	.65			
ES		2.38		.03		.03				.50			.04				.31	.12				.12			.13		T	.05	.09	.96			
K RIVER		1.81	T	.30			.31						.03		.04		.28	T							.07					.77	.01		
SHALL		2.84		.06		T		T	.50			T	.13	.02			.02					T		.05	.02				.50	1.54		T	
BINA 2 N		1.97		.81			.24		T				.05			T	.12	T							.17					*	.58		
TIRONE		3.10		.06					T				.19					.31		T		.38	.08	.02	.24	.04	.04	.03	.17	1.54			
TIRONE	R	3.07		.08								.20					.31					.46		.06	.20	.03	.05	.03	.80	.85			
GREE		2.77		.17					.09			T	.30				.25					.30	.05	.24	.39		.05	.05	.15	.73			
TAL		3.37		.17					.01			.15						.02		T		.35	.22							1.74	.68	.03	
ERS LAKE 1 N		1.86		.08					.04			T	.04				T					.10	T						.12	1.46	T	.02	
TTY ROCK		3.70		.10		.16			T	.16		T												.21		.16	.13	.06	.98	1.74			
DER		2.08								.20		.02														.25	.17	.30	1.05	.03			
DER 14 N		2.29		.05					.25	.23			.10											.12		.06	.18	.21	.94	.15			
HAROTON ABBEY		2.56		.02	T	T			.06	T		T	.83				.08			T		.07		.16		T	.08	.01	.47	.78		T	
HAROTON ABBEY	R	2.44	.02	.02				.05				.82				.08	.01						.06	.07			.04	.04	.72	.42			
EROALE		3.22			T		T		.32	.05			.10		.14		.11	T				.05	T	.13	.08	T		T	.05	2.15	.04		
LA		6.67	T	.10		.20			.01				.10		.55	T	.32	.10				.17		2.57	.98				T	1.53	.02	.02	
RY		5.12		.63		.09			T			T	.11		.01		.05	.10				.19	.11	T	1.43				T	2.37		.03	
ER		3.65		.34		.10		.11					.16									.05				T			.37	2.52			
ER	R	3.55	.35			.10		.12				.19	.01				.02					.02				.03			.80	1.91			
HAVEN		2.93		T		.18							.10		.09		.13	.04				.20	.02	.34	.01	.14				1.68	T		
ISH		3.42		.04					.03				.39		.40							.11	.57	.25					.11	1.02	.43	.07	
ANTON		1.92		.06								T										.17	T			.28	.18	.12	1.02	.09			
RRIDGE 11 W		2.87			.09			.21							T									.02		.36	.50		*	1.69			
TINEL BUTTE 20 S		1.60	.01	.09	.04				.22		T	T					.46					.03		.05			T	.12	.58				
RON		3.15		.48		.04	.03		.04			T	.15				.30	.06					T	T	1.50	.04	.03	T	T	.48		T	
RWOOD 3 N		4.56		.39								T	.27			.02	.01					.38							3.47	.01	.01	
YENNE	R	4.32		.04		.15			.03			.20			.95		.15					.08	.37	.12	.38	.02			.08	1.73	.02		
ELOS		3.29		.06					.32			.10					.03					.05			.12	.26	.19	.03	.64	1.49			
NLEY		2.59		T				.03					.18			.05						.04							.38	1.87		.04	
NLEY	R	–										.13				.03						.05	.02						.39	1.91	–	–	
ELE		4.60		.08						.01			.08				T	T		.06		.36	1.17	.25	.38	.10	.07	T	.70	1.28		.06	
ESTON		3.52		.23		T			.12				.12				.70					.12		T	.35	.12	.02		.06	1.68	T		
US		2.53	T	.02				T	.04			.04	.12			.07						.07	T						.15	2.00	T	.02	
GA		1.48									.31														.12				.23	.82			
LEY 5 NNE		3.12		.10					T				.21									.20	T		.08				T	2.53			
NER		5.15		.25	.04				.03				.14		.08		.52					.08	.05	.88						3.02		.06	
TTERS 6 WNW		2.19	.40					.04	.05			.33										.02			T			T	1.24	.11			
TLE LAKE		5.76		.01		.06			*				*		.50		.54				T	.04	T	.17	.07		.05		.05	4.27			
TLE		5.52		.01		T			.20				.26				.02	.59			T	.34	.92	.61	.17	.15	.01	.01	.17	2.06			
ERWOOD		3.31					.04		.02				.05		.10		.35					.08	.01	.09	.10	.02		.01	.04	2.00	.40		
AM 3 N		3.13	.02	.04		T			T			T	.13				.03		.02			.09		.09			T			2.70		.01	
LEY CITY		1.95			T	T							.33							.13	T	.31	.06	*	.04	.11	.08		.40	.52			
HOOK		2.24		.02					T				.17	.64								.01	.01	.09					.62	.68			
VA		5.67		.34					.08			.06	.19		.45		.09		T			.07	.18	.72			.15	.01	.10	3.20		.03	
ONA		1.12								.16			.03																				
PETON STATE SCHOOL		2.69		T						.03			.46				.26	.38			T	.13			.05	.03	.04	.01	.29	.48		.03	
HALLA		2.34		.60													.38								.63	.03	T		.13	.64			
WICK		–		–					.11				.18				–								.26					1.10			
HRURN		5.30		.02		.01			.24			.02	.06			T	.67				T	.21		.11	.71	T	.01		.07	.85			
HRURN WATER WKS	R	5.86							.20			.11				.80				.10	.10		.13				.03	2.91	3.88	1.48			
AUGA 8 N S OAK		3.68	T		.03	T			.14			T					.16				T		.25			.35	.23	.06	1.26	1.20			
FORD CITY		3.55	.10						.12			.38									.95		.06	.07				.85	1.02			
FORD CITY 11 E	R	3.91	.44						.30			.47												.25					1.08	1.37			
THOPE		3.82		.02		.02			.04				.31				.17		.02			.47			.07					2.69	.01		
OROSE		2.11		.25				.07	T			.07	.06			T					.06	.06		.13	.05				.10	1.11		.15	
LISTON WR CITY	R //	3.04	.24	T				.05	.08			.42									.01		.11	.01	.01				.39	1.68	T	.04	
LOW CITY		3.60	.07			.06						T	.08		.03	T	.52		T		T	.15		.21			T			2.57		T	
TON RR STATION		7.45		.04			.01		.21				.26		.01		.03	.07				.37	.59	.09	3.27	.02	.07	T	.05	2.27	.09		
HEK		3.25			T	.02				.70		T	.17				T				T			.50		.21	.10	T	.33	1.22			
OWORTH 5 E		2.73		.28					.05				.21				.08					.26	.05	.06	.62	.01	T	.01	.05	1.05			
L		2.61		.17				.07	.01				.10							T		.15		.02	.07			T	.20	1.82			

See reference notes following Station Index.

MONTHLY AND SEASONAL SNOWFALL

Season of 1951-1952

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
ADAMS 7 S			T	1.0	6.0	-	12.0	T	6.7	T			-	
ALEXANDER			T	4.0	-	-	4.0	7.7	8.2	1.2		T	-	
ALMONT 7 SW	T		T	4.5	2.3	-	4.6	7.4	-		T	-	-	
AMBROSE		T	T	.7	1.7	4.9	6.9	4.1	2.6	5.0			25.9	
AMENIA	T			6.0	4.0	15.0	8.0	4.0	4.0	T		T	41.0	
AMIOON			T	2.5	2.6	-	3.2	13.2	10.9			T	-	
ARVILLA STATE PARK			T	-	-	-	-	-	-				-	
ASHLEY	T			1.8	T	-	9.5	8.5	4.5				-	
BALOHILL DAM				-	-	-	-	-	-				-	
BALTA	-		T	-	3.0	-	-	-	3.5	T			-	
BANTRY				T	6.1	-	13.0	T	1.0				-	
BEACH		T	T	4.6	-	10.8	5.4	-	5.8	.1		T	-	
BELCOURT INDIAN RES		T	4.5	T	3.5	2.2	4.0	.3	2.7			T	17.2	
BELFIELD		T		-	-	-	-	-	9.1			T	-	
BERTHOLD			T	-	4.0	-	-	-	3.1	T			-	
BEULAH				2.7	2.8	9.8	2.9	7.6	4.5		T		30.3	
BISBEE			T	T	2.0	-	6.7	T	2.5				-	
BISMARCK WB CITY				3.4	2.5	9.0	19.2	12.0	4.8			T	-	
BISMARCK WB AIRPORT		T		2.0	2.4	11.4	16.1	12.2	6.1				50.2	35.4
BOTTINEAU			2.0	2.5	2.0	2.3	5.3	.7	1.4	T			16.2	
BOWBELLS			2.2	2.0	3.0	2.2	10.5	-	-	-			-	
BOWBELLS 5 E				1.5	3.0	1.3	8.3	5.1	4.4	-			-	
BOWMAN COURT HOUSE		T		9.1	4.6	-	-	-	11.5		T	T	-	
BOWMAN 11 SE				-	3.0	9.3	9.1	8.4	9.5		T		-	
BOWMAN 30 NNW				-	-	-	-	-	-			T	-	
BURT 16 N		T	T	3.5	-	5.6	2.5	14.5	17.0				-	
BUTTE	T	T		-	3.0	-	9.5	2.0	3.6			T	-	
CARRINGTON			T	3.0	-	-	25.8	10.3	-				-	
CARSON 2 S W				7.5	-	12.0	-	6.0	7.1			-	-	
CAVALIER				-	-	-	-	-	-	-			-	
CENTER		T	T	7.0	3.0	9.0	5.3	15.0	4.0				43.3	
COLGATE				2.0	1.4	-	4.5	3.7	3.2				-	
COLUMBUS			T	1.0	4.0	2.3	12.2	3.3	3.6	2.0			28.4	
COOPERSTOWN			T	2.0	-	-	6.0	3.5	5.0			T	-	
COURTENAY			T	3.0	1.8	5.0	11.0	-	4.5			T	-	
CROSBY			T	-	3.5	2.7	-	5.0	2.4	5.0		T	-	
DEVILS LAKE W B CITY			T	.7	5.6	2.8	10.7	3.7	10.4	T		T	33.9	34.3
DICKINSON CAA		T	T	4.7	2.3	5.0	4.3	8.1	10.0	T	T	T	34.4	
DICKINSON EXP STA				4.0	1.7	4.8	5.1	7.4	8.5		T	T	31.5	
DONNYBROOK				T	4.3	-	11.7	-	3.0	T			-	
DRAKE				T	-	-	-	2.2	3.4				-	
DUNN CENTER		T	T	5.5	2.9	8.4	5.9	11.9	9.8			-	-	
DUNSEITH ST SANITARIU	T		T	-	-	-	-	-	-	-	-	-	-	
ECKMAN				-	6.0	3.5	6.0	.6	1.0	T			-	
EDGELEY EXP FARM				5.0	1.0	8.7	9.6	-	8.3	T			-	
EDMORE 1 W			T	2.0	4.0	2.5	10.0	.6	1.4	T			20.5	
ELBOWOODS				.3	2.3	-	6.3	5.1	5.8			T	-	
ELGIN 5 S		T	T	2.0	T	-	6.2	8.0	6.6			-	-	
ELLENDALE	T			10.0	T	14.5	12.2	19.2	6.7	.5			63.1	
ENDERLIN	-	-	-	-	-	-	-	-	-	.1			-	
EPPING				-	-	-	5.4	-	11.0				-	
FAIRFIELD 8 N		T	T	5.1	3.4	4.5	2.7	4.7	3.5				23.9	
FARGO WB AIRPORT		T		8.1	7.9	20.3	11.7	3.2	9.9	1.8		T	62.4	39.3
FESSENDEN				-	2.3	-	-	8.5	11.5			-	-	
FLASHER				5.0	.6	-	11.3	10.0	7.5				-	
FLAXTON			2.0	2.0	3.1	4.0	14.0	3.4	2.0	.5			31.0	
FORBES 13 NW	T			10.0	-	-	-	21.2	11.5	T			-	
FORMAN				-	3.0	12.5	16.0	13.7	-	-	-		-	
FORT YATES		T		-	T	10.0	4.0	-	-	T	T		-	
FOXHOLM WILDLIFE REFU				-	4.8	-	17.2	1.1	1.4				-	
FULLERTON				6.9	.4	17.5	14.8	19.2	6.2	.5			65.5	
GACKLE			T	-	1.0	10.8	6.1	20.1	4.7				-	
GARRISON				2.0	1.3	-	5.6	6.6	7.1		T		-	
GLEN ULLIN 13 N	T		T	-	-	8.0	-	-	-				-	
GOLDEN VALLEY 10S				5.5	-	-	-	-	-				-	
GRAFTON STATE SCHOOL				1.0	7.5	6.2	12.3	T	4.7	T			31.7	
GRAND FORKS CAA				1.0	8.1	13.7	13.4	6.3	3.9	T		T	46.4	
GRAND FORKS UNIV		T		.3	8.4	8.9	12.0	6.0	2.8	T		T	38.4	
GRAND RAPIDS 1 N				4.5	2.0	13.9	13.0	13.5	10.1	T			57.0	
GRANVILLE			T	T	4.0	4.0	8.0	1.0	4.0	T			21.0	
GRASSY BUTTE 10N				-	-	13.7	4.0	12.5	-				-	
GRENORA	-			1.0	-	3.5	4.3	16.3	-				-	
HALLIDAY			T	3.2	3.3	-	5.2	12.3	8.0				-	
HANKINSON R R STA				3.5	-	-	-	23.0	-				-	
HANNAH			.7	T	6.5	2.8	6.0	.9	-	T			-	
HANSBORO			1.5	T	5.4	-	8.2	.3	2.9		T	T	-	
HARVEY 3 NE		-		2.0	4.0	6.0	6.0	5.0	5.0	T	T		-	
HETTINGER				7.0	3.5	8.0	-	9.1	7.0		T	T	-	
HILLSBORO			T	.2	-	13.4	12.3	3.7	3.9	-	T		-	
JAMESTOWN CAA	T	T		4.9	3.0	9.9	17.9	13.0	11.9	T	T		60.6	
JAMESTOWN STATE HOSP	T	T		4.0	2.9	-	12.1	11.0	6.6				-	
KEENE			-	-	-	-	-	-	-	-			-	
KENMARE				-	-	-	-	-	3.2				-	
KENSAL WILDLIFE REF			T	4.0	2.0	8.0	7.8	7.5	5.3			-	-	
KILLDEER 8 NW			T	8.5	7.5	8.3	6.0	12.5	9.0				51.8	
KULM				6.0	-	-	-	-	5.6				-	
LANGDON EXP FARM			1.0	1.0	7.4	3.9	8.6	1.2	3.5	T			26.6	
LANSFORD				3.0	5.5	6.9	13.0	1.9	5.3	T			35.6	
LARIMORE				T	-	-	6.0	-	7.0	T			-	
LEEDS			T	T	5.6	5.6	12.7	2.5	9.6	T		T	36.0	
LEFOR 10 E		T	T	5.0	-	7.3	1.5	4.8	-			T	-	
LINTON		T		2.2	.2	14.0	9.9	23.0	3.3			T	52.6	
LISBON				5.0	-	-	-	-	-			-	-	
LITCHVILLE				8.0	5.8	9.8	12.0	14.6	4.7	T			54.9	
LOSTWOOD 12 N		T	2.7	1.6	1.9	-	-	-	-	-	T		-	
MADDOCK AGR SCHOOL				-	-	-	-	-	-	T			-	
MANDAN EXP STATION				2.5	2.1	8.1	12.4	14.7	4.3				44.1	

See reference notes following Station Index

MONTHLY AND SEASONAL SNOWFALL

Season of 1951-1952

NORTH [illegible]
JUNE 1952

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
ANOAN FT LINCOLN PAR		T		5.0	2.6	11.0	9.7	15.0	3.4				46.7	
ARMARTH		T		7.8	8.2	-	5.8	18.2	12.3				-	
ARTIN				-	3.5	3.1	6.0	3.1	-				-	
AX			-	.9	-	-	10.1	3.3	4.6			T	-	
AYVILLE				T	4.7	14.8	16.4	4.4	2.2	T		T	42.5	
C CLUSKY				3.0	2.5	5.0	8.2	8.9	5.7	.5		T	33.8	
C HENRY 5 N			T	.9	2.2	2.6	6.1	4.0	3.7		T	T	19.5	
C LEOD 3 E				-	-	-	-	-	-	-			-	
C VILLE				T	2.8	-	6.2	2.6	5.0				-	
EDINA 1 W				4.0	T	-	-	7.0	4.0				-	
EDORA 4 NNE	T			4.1	-	7.7	4.6	5.4	8.1				-	
EDORA 11 N	-	T		2.8	-	-	3.5	5.9	9.3				-	
INOT CAA			.6	1.3	3.5	5.9	14.2	2.0	2.4	T	T	T	29.9	
INOT EXP FARM			T	2.1	4.1	5.3	12.0	3.1	1.8	T			28.4	
OFFIT 4 SE		T	T	3.6	2.9	9.5	14.4	7.8	2.0				40.2	
OHALL			2.0	2.0	5.0	4.8	7.4	-	-	.1			-	
ONTPELIER		T		4.7	4.0	7.9	16.9	18.0	11.4	T			62.9	
OTT		T		7.8	3.6	10.6	5.0	11.7	7.5	T			46.2	
UNICH 4 SW		T	1.0	.6	6.0	4.4	9.1	1.0	-	T		-	-	
APOLEON 1 SE	T	T		3.5	.5	7.9	8.6	7.7	10.0		T	T	38.2	
EW ENGLAND		T	T	5.5	-	8.3	1.3	13.0	9.0		T	T	-	
EW ROCKFORD 7 WNW			T	3.0	3.0	1.5	7.0	7.5	3.5	T			25.5	
EW SALEM 1 S	T		T	-	-	9.4	6.5	13.0	9.6		T		-	
OONAN				-	3.5	-	10.9	3.4	1.7	2.5			-	
ORTONVILLE				4.0	-	-	9.3	10.0	6.0				-	
AKES	T	T		4.0	-	-	11.9	-	7.3	3.0			-	
ARK RIVER				T	-	-	7.0	T	2.8				-	
ARSHALL			T	3.0	4.0	6.0	5.2	2.3	1.0	T		T	21.5	
EMBINA 2 N		T		T	-	-	7.0	T	2.8	T			-	
ETERSBURG				-	-	5.8	11.1	1.2	5.4		-	-	-	
ETTIGONE		T		-	2.1	9.8	8.1	4.9	6.1	T			-	
INGREE			T	3.0	-	60.6	7.4	14.0	13.0	T		T	-	
ORTAL			T	.8	4.9	-	12.0	2.5	2.0	4.0	T		-	
OWERS LAKE 1 N			T	.5	3.0	5.0	13.0	9.0	6.0				36.5	
RETTY ROCK		T	T	11.0	4.0	12.5	7.0	6.5	16.0				57.0	
EEDER				8.5	3.5	-	3.0	15.0	-		5.0		-	
EEDER 14 N		T	T	4.0	2.0	4.6	4.8	7.6	11.5			T	34.5	
ICHAROTON ABBEY	T	T	T	5.8	5.1	9.9	5.8	14.2	8.4	T	T	T	49.2	
IVEROALE	T		T	-	-	-	-	-	-				-	
OLLA			2.5	1.5	4.7	-	8.9	.5	1.6	T		T	-	
UGBY	T		T	T	5.2	-	-	2.1	7.0	T	T	T	-	
YOER			.3	2.1	1.5	-	-	2.1	2.2				-	
AN HAVEN	-	-	-	T	3.0	1.4	9.4	.2	2.7		T	-	-	
ANISH			T	-	-	-	-	-	-	T			-	
CRANTON				12.0	6.8	10.8	2.7	14.5	8.4				55.2	
ELFRIDGE 11 W	T			8.5	-	18.5	6.0	17.0	15.0	T			-	
ENTINEL BUTTE 20 S				-	-	-	5.8	14.5	4.1		T	T	-	
HARON				1.0	5.6	8.0	14.3	5.7	4.8			-	-	
HERWOOD 3 N	T		2.5	3.6	7.4	3.6	8.0	.5	1.7	T	T		27.3	
HIELDS				4.0	-	-	2.8	10.7	6.4				-	
TANLEY			10.2	-	-	-	-	7.5	7.8				-	
TEELE				-	2.5	14.7	8.5	8.4	4.0				-	
YKESTON	T			-	-	3.1	-	-	1.5			T	-	
AGUS			.2	1.0	2.1	4.4	3.6	-	1.5	T	T		-	
IOGA	T		-	2.0	6.0	-	11.0	8.0	6.0			T	-	
OLLEY 4 NE			-	-	4.0	-	9.0	-	2.9				-	
OWNER			T	1.0	7.0	11.9	15.5	2.0	7.5	T			44.9	
ROTTERS 6 WNW			T	4.5	6.6	8.9	4.7	10.9	11.5	T		T	47.1	
URTLE LAKE			T	2.0	3.4	-	9.2	12.3	9.3		T		-	
UTTLE		T		-	2.0	-	11.2	6.4	4.2		T		-	
NOERWOOD 12 W	T	T	T	1.6	2.0	-	-	-	-	-	T		-	
PHAM 3 N			T	T	6.4	5.4	12.7	.4	2.7				27.6	
ALLEY CITY		T		5.5	2.9	-	6.3	5.2	5.4			T	-	
AN HOOK			1.0	-	5.1	6.4	9.1	9.5	2.8			-	-	
ELVA	T	T	T	1.5	3.3	5.5	15.0	4.0	4.5				33.8	
ERONA				-	-	-	-	-	-				-	
AHPETON STATE SCHOOL		T	T	5.0	-	-	20.0	18.5	-	-		T	-	
ALHALLA				-	1.0	2.8	8.8		1.0				-	
ARWICK			T	-	-	-	-	-	-				-	
ASHBURN			T	3.3	-	-	6.5	10.0	5.4	T			-	
ATAUGA 8 N S DAK		T	T	-	-	-	2.3	11.5	8.0			T	-	
ATFORD CITY	T			7.0	-	-	6.9	12.7	8.2	1.2			-	
ATFORD				-	-	-							-	
ESTHOPE			4.5	1.0	6.0	3.5	15.5	T	2.0				32.5	
ILOROSE			T	T	3.3	-	9.2	-	3.0	-			-	
ILLISTON WB CITY	T		T	3.6	3.0	8.2	7.3	10.2	6.0	1.6	T	T	39.9	34.0
ILLOW CITY	T			-	4.0	2.5	4.5	1.0	4.0			T	-	
ILTON RR STATION				3.0	1.4	7.0	7.0	8.5	1.9			T	28.8	
ISHEK	-			-	T	10.5	17.1	12.2	4.8				-	
OODWORTH 5 E				.1	1.0	-	-	11.4	9.4			T	-	
AHL				T	-	-	-	-	-	3.0			-	

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

NORTH DAKOTA
JUNE 195

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	81	74	75	90	95	97	87	76	87	80	84	97	85	87	100	78	86	77	76	85	86	79	85	73	63	60	63	76	78	83		81.4
	MIN	43	55	40	51	57	60	64	49	47	56	53	54	57	59	65	57	54	49	45	51	51	57	59	56	55	53	53	55	52	63		54.(
AMENIA	MAX	77	75	75	82	94	93	97	80	83	80	85	90	89	88	85	84	86	77	74	75	63	79	84	82	62	68	68	82	75	85		80.(
	MIN	38	55	44	53	60	61	70	57	51	50	55	57	67	57	59	62	50	53	40	54	57	61	59	59	57	48	54	56	55	58		55.2
AMIOON	MAX		83	71	75	81	94	98	85	72	86	85	84	98	79	87	92	73	84	71	79	78	86	77	79	65	58	59	64	76	80		79.1
	MIN	42	42	40	52	49	54	56	43	48	53	49	55	55	52	62	50	49	45	46	51	47	53	52	53	49	48	50	51	49	57		50.1
ARVILLA STATE PARK	MAX	76	70	75	86	93	86	91	85	80	79	90	89	80	84	86	79	85	75	76	75	68	78	77	76	71	68	67	78	79	86		79.(
	MIN	32	52	42	44	58	50	62	63												55	53	57	60	52	54	41	52	60	60	58		
ASHLEY	MAX	78	74	71	80	94	94	92	83	82	78	85	94	89	86	87	78	86	89	73	76	74	75	82	84	63	64	63	78	77	91		80.1
	MIN	40	56	37	53	55	56	70	58	44	55	56	55	64	56	67	57	49	50	39	53	55	59	58	55	55	50	52	58	54	61		54.2
BALOHILL DAM	MAX	68	82	74	84	86	96	100	94	80	86	78	94	90	90	88	86	90	92		84	76	66	76	88	82	62	74	66	80			82.(
	MIN	30	48	36	50	56	54	52	54	44	52	54	54	56	62	54	54	56	50	38	44	56	56	58	58	58	42	56	56	60	60		51.9
BEACH	MAX	65	80	67	76	87	92	96	83	72	86	84	83	95	79	86	87	75	80	71	79	76	85	78	79	70	59	61	58	77	80		78.2
	MIN	38	49	43	48	53	63	58	44	42	56	50	55	53	48	59	50	50	41	46	52	43	51	56	52	49	39	45	51	51	60		49.8
BELCOURT INDIAN RES	MAX	73	60	72	85	88	80	80	75	71	72	82	81	80	77	74	70	77	70	73	67	61	70	78	76	65	62	62	63	63	79		72.9
	MIN	30	47	38	40	57	45	62	46	42	45	50	48	54	37	54	53	40	40	33	51	50	53	47	43	48	47	49	53	54	55		47.0
BELFIELD	MAX	74	66	71	88	92	97	100	77	85	83	82	94	79	85	87	82	79	83	74	78	87	79	78	75	65	63	59	75	80	79		79.9
	MIN	41	46	41	47	52	60	46	40	39	61	52	53	51	49	57	47	51	49	40	48	45	57	46	55	45	46	51	53	47	51		48.9
BISBEE	MAX	84	61	75	88	92	84	84	73	78	73	86	86	83	84	73	76	79	68	77	67	64	70	80	74	68	64	67	67	66	80		75.7
	MIN	36	51	40	47	53	52	63	52	43	49	50	50	57	43	52	55	52	44	41	54	54	57	50	50	53	50	51	56	57	57		50.6
BISMARCK WB CITY	MAX	67	80	68	73	87	94	96	88	76	87	78	86	94	85	88	94	77	82	74	74	80	80	76	83	69	62	64	64	74	78		79.3
	MIN		58	41	57	55	56	69	53	45	56	57	55	63	55	65	60	54	53	43	54	57	60	59	59	57	54	54	55	57	60		55.9
BISMARCK WB AIRPORT	MAX	82	70	75	90	96	98	89	76	87	81	86	96	87	89	95	79	86	76	76	81	80	77	84	68	62	65	63	77	77	88		81.2
	MIN	40	47	39	56	52	55	64	51	42	54	52	55	58	52	63	58	50	50	42	53	58	59	55	56	56	53	53	57	55	62		53.2
BOTTINEAU	MAX	66	73	61	72	88	89	84	82	72	79	72	82	84	81	80	70	73	78	67	75	62	64	68	79	71	60	65	68	64	68		73.2
	MIN	39	52	36	49	62	57	62	46	40	50	51	45	58	41	60	53	42	38	37	52	54	54	51	48	52	50	52	56	56	57		50.0
BOWBELLS	MAX	72	71	60	75	90	88	84	79	71	81	78	83	82	81	67	67	75	80	68	72	59	75	82	82	70	59	72	65	63	66		73.9
	MIN	35	49	39	53	50	48	55	44	41	49	45	50	55	42	51	51	41	42	38	51	53	53	51	45	48	45	53	54	54	58		48.1
BOWBELLS SE	MAX	65	70	60	71	85	84	82	75	69	78	68	72	80	72	72	65	72	79	67	73	58	66	79	80	69	58	69	60	62	67		70.9
	MIN	41	49	39	53	50	51	57	45	42	48	48	46	58	40	55	51	40	43	38	51	52	54	52	45	47	44	54	53	53	57		48.5
BOWMAN COURT HOUSE	MAX	81	76	73	87	91	97	93	81	85	84	84	97	88	88	90	77	84	79	80	79	85	81	81	78	60	57	58	76	82	82		81.1
	MIN	42	47	40	47	52	58	56	43	43	50	47	58	53	52	65	47	45	46	45	49	49	50	52	52	48	49	48	53	47	61		49.8
BUTTE	MAX	68	80	60	72	88	90	90	82	72	83	73	84	90	89	90	93	75	80	70	72	70	74	74	78	72	60	66	63	66	72		76.5
	MIN	42	45	41	46	56	51	61	49	47	46	51	48	51	60	61	50	48	47	42	49	54	56	55	50	50	48	51	55	55	58		50.8
CARRINGTON	MAX	65	78	65	73	86	93	90	88	74	82	76	88	89	83	83	88	76	83	72	73	69	62	68	68	68	62	67	63	73	71		75.9
	MIN	36	36	37			51	52	50	48	48		48	60	49	55	56	49	48	42	52	52	55	51	52	54	50	53	54	56	57		50.0
CAVALIER	MAX	78	71	76	87	94	90	92	83	79	76	90	88	87	86	81	75	80	76	77	75	73	75	79	79	74	66	72	70	67	85		79.4
	MIN	36	51	45	47	61	58	63	51	50	43	56	49	63	54	57	62	55	51	45	56	55	58	61	54	54	52	52	61	57	59		53.9
CENTER	MAX	82	72	73	89	91	92	86	74	86	80	83	93	86	85	100	84	84	76	80	82	72	84	78	76	69	67	62	71	77	82		80.5
	MIN	38	53	33	49	55	65	62	48	38	49	54	53	58	48	58	57	54	47	35	47	58	54	49	52		53	54	56	58	62		51.6
COOPERSTOWN	MAX	75	77	75	85	93	91	90	85	80	79	92	89	86	83	86	81	83	82	74	73	71	74	80	80	64	66	65	75	73	88		79.8
	MIN	40	39	38	53	55	52	67	53	44	48	55	51	67	48	56	48	49	50	40	53	55	56	57	56	54	46	52	60	58	58		51.9
CROSBY	MAX	73	71	75	86	85	86	82	71	84	75	77	84	79	77	71	73	78	68	76	62	69	78	75	74	65	72	70	61	70	81		74.9
	MIN	40	47	40	53	51	51	62	44	43	44	50	47	49	45	55	49	41	42	40	50	51	58	53	46	49	38	54	53	46	58		48.3
DEVILS LAKE W B CITY	MAX	75	62	73	87	93	87	87	72	79	73	88	89	84	81	85	75	82	69	75	72	64	70	79	73	62	65	70	68	70	87		76.5
	MIN	41	44	41	53	56	53	61	52	45	47	54	47	61	52	59	57	50	48	44	56	55	57	59	56	53	51	53	57	57	56		52.5
DICKINSON CAA	MAX	80	68	75	90	92	100	83	72	85	83	82	97	78	86	91	78	82	72	80	80	86	77	81	68	58	63	59	75	80	83		79.5
	MIN	45	43	39	49	54	56	56	46	45	55	53	53	55	52	59	54	51	47	47	50	46	57	57	55	50	51	51	53	50	56		51.2
DICKINSON EXP STATION	MAX	66	82	69	77	91	93	102	83	72	85	83	80	97	78	82	91	71	83	72	80	80	87	76	80	70	60	63	60	75	79		78.9
	MIN	46	50	35	45	41	57	60	45	41	57	50	54	57	52	57	54	49	47	44	50	45	57	54	54	49	45	52	52	50	52		50.0
DRAKE	MAX	73	78	60	73	90	92	87	84	74	80	73	85	90	82	80	90	75	82	70	73	70	69	75	80	72	62	67	64	65	71		76.2
	MIN	48	53	40	55	53	56	67	50	42	50	53	51	58	49	56	56	47	47	43	53	56	56	54	54	52	50	56	57	57	58		52.6
DUNN CENTER	MAX	67	82	65	74	90	93	97	85	75	89	80	82	90	80	82	90	75	79	73	77	80	84	78	80	72	64	65	61	73	77		78.6
	MIN	41	47	34	47	46	48	63	46	36	49	57	50	54	47	56	54	44	41	36	46	50	56	51	50	49	46	52	53	51	56		48.5
ECKMAN	MAX	68	72	62	65	90	90	85	83	80	80	70	84	85	82	84	80	70	81	70	76	70	73	67	83	74	60	69	68	62	69		75.1
	MIN	35	45	34	50	48	43			44	46	50	39	57	49	45	37	38	44	38	53	45		50	42	50	43	53	56	56	58		46.2
EDGELEY EXP FARM	MAX	67	78	74	78	82	94	92	93	74	84	77	88	92	86	85	84	80	88	75	78	75	66	76	74	74	61	67	65	80	69		78.5
	MIN	36	58	37	51	57	51	63	51	43	44	51	50	63	62	52	54	49	51	37	48	54	55	55	54	54	40	50	52	54	55		51.0
EDMORE 1 W	MAX	74	65	73	86	91	83	87	80	77	72	85	86	81	83	85	84	82	71	75	71	65	73	81	75	67	66	72	73	69	85		77.2
	MIN	36	50	37	46	51	47	66	51	40	39	52	45		43		54	48	45	37	54	53	51	61	46	49	47	50	65	56	55		49.1
ELBOWOODS	MAX	82	74	74	90	91	96	84	76	84	78	83	94	81	83	79	80	78	75	79	80	81	79	82	74	65		62		74	84		80.1
	MIN	44		36	50	46		64	49	38	50	60	52	56	42	60		47	43	38	54	52	61	60	51	50		45	50	53	63		50.5
ELLENDALE	MAX	79	78	74	80	95	97	95	91	85	82	91	94	93	91	88	82	89	84	84	78	79	79	92	84	69	70	66	82	80	90		84.0
	MIN	41	60	41	55	54	57	69	59	49	54	60	56	68	58	64	60	52	57	46	54	57	58	60	65	57	45	45	61	55	58		55.8
ENDERLIN	MAX	69	73	79	75	81	94	92	91	77	85	80	86	89	86	93	87	80	88	76	76	73	64	73	87	77	60	71	67	81	75		79.5
	MIN	35	55	40	49	59	56	61	56	45	49	54	56	56	58	62	60	48	48	39	48	55	56	60	58	55	40	49	50	49	50		51.9
EPPING	MAX	79	62	78	89	89	91	90	80	86	80	83	90	82	92	82	76	79	72	80	72	82	82	82	80	68	74	69	67	74	83		79.8
	MIN	45	46	41	51	52	57	62	44	47	52	49	50	45	42	58	52	43	37	42	54	51	58	55	47	46	45	54	55	54	62		49.9
FARGO WB AIRPORT	MAX	76	78	75	81	93	90	98	78	84	78	84	90	89	87	85	79	85	75	73	74	64	76	81	81	64	69	68	83	69	85		79.7
	MIN	40	45	40	58	61	57	71	57	48	50	53	56	69	58	64	58	52	52	44	55	56	57	59	60	50	44	55	63	60	56		54.9
FESSENDEN	MAX	78	77	72	87	91	89	88	82	81	79	86	89	84	83	88	75	82	74	73	69	69	76	80	78	67	65	70	70	73	83		78.6
	MIN	41	50	38	54	52	49	64	48	46	44	51	46	48	46	53	54	46	45	40	52	53	48	50	42	51	50	51	52	55	56		49.2
FORMAN	MAX	75	78	74	80	94	93	96	88	84	84	88	92	89	88	87	78	87	84	74	75	64	78	84	80	66	69	66	81	76	91		81.4
	MIN	42	49	41	56	59	58	68	45	45	44	61	57	70	62	68	68	50	56	45	53	55	58	59	59	56	55	56	63	56	58		55.7
FORT YATES	MAX	82	82	70	86	95	95	92	88	87	87	87	98	96	89	96	89	90	76	78	82	82	84	87	71	70	65	63	81	80	91		84.0
	MIN	41	59	38	53	51	54	71	68				54							38	57	59	63	59	57	57	54	52	58	53	66		55.3
FOXHOLM 7 N	MAX	76	77	76	92	88	89	88	78	84	78	82	88	87	80	79	74	79	78	77	70	71	78	83	80	70	70	72	60	71	92		78.9
	MIN	40	50	38	50	55	46	63	49	47	45	47	47	57	47	55	58	47	46	34	52	53	54	48	45	53	49	55	55	57	59		50.0

See Reference Notes Following Station Index

DAILY TEMPERATURES

NORTH DAKOTA
JUNE 1952

ble 5 Continued

Station		Day Of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LLERTON	MAX	80	76	75	82	94	94	94	82	84	78	90	93	90	88	84	78	89	75	76	76	67	79	91	80	65	72	68	81	77	93		81.7
	MIN	41	53	39	54	55	53	67	54	46	51	60	54	66	57	65	60	52	55	41	54	57	57	60	56	55	43	54	62	55	58		54.5
CKLE	MAX	80	76	80	85	95	94	90	85	84	84	90	94	92	90					74	78	72	74	84	75	65	68	63	78	78	92		81.5
	MIN	41	41	39	54	54	59	71	54	46	46	54	54	62	54					44	51	56	56	61	56	56	47	51	58	56	58		53.0
RRISON	MAX	80	73	73	88	92	91	81	73	85	75	84	90	83	83	91	75	81	72	72	77	81	81	84	75	61	69	63	67	72	82		78.5
	MIN	44	44	38	51	53	64	61	47	45	53	52	53	53	45	58	55	48	44	41	51	55	59	54	48	48	46	54	54	56	59		51.1
AFTON STATE SCHOOL	MAX	76	73	75	84	91	94	92		79	78	88	88	85	85	86	80	82	79	76	75	71	79	78	78	73	66	69	73	68	85		79.5
	MIN	36	52	42	48	60	56	65	54	47	44	54	48	64	47	58	61	50	50	42	56	54	56	59	53	52	50	51	58	56	57		52.7
AND FORKS CAA	MAX	77	65	78	84	93	87	93	74	80	74	88	91	81	85	85	76	82	71	77	76	64	77	76	82	63	68	69	79	67	87		78.3
	MIN	40	45	40	49	56	52	62	52	45	40	55	49	61	51	59	55	51	49	43	57	56	58	57	56	49	43	54	60	57	58		52.0
AND FORKS UNIVERSITY	MAX	76	71	79	83	92	87	94	72	81	74		90	83	83	85	78	82	72	75	75	68	72	74	78	66	66	70	81	69	86		78.0
	MIN	39	42	39	51	55	51	61	50		52		55				65	47	48	42	50		60	52	57	55	44	56	61	61	59		52.2
AND RAPIDS 1N	MAX	81	78	75	84	93	92	92	84	92	82	89	92	90	88	87	79	87	84	75	75	70	75	89	86		70	68	81	78	92		83.0
	MIN	34	57	35	51	54		55	51	47	50	54	51	66	54	65	51	49	54	36	56	55	56	59	56	55	41	51	60	56	60		52.4
ANVILLE	MAX	77	73	71	90	91	87	83	80	83	74	86	86	84	83	84	76	82	75	74	69	70	75	82	74	59	68	67	64	71	79		77.2
	MIN	39	43	39	52	53	54	65	50	46	48	51	45	58	45	60	56	47	45	35	55	55	56	52	47	50	49	55	56	56	59		50.7
ENORA	MAX	72	57	74	80	85	84	86	84	83	73	92	90	86	75	63	68	85	83	65	65	66	76	79	82	63	77	71	66	75	81		76.2
	MIN	38	42	42	54	51	55	56	50	43	40	52	48	55			49		44	39	47	50	52	51	45	42	37		53	49	57		47.7
NKINSON R R STATION	MAX	67	75	80	77	76	93	91	98	75	86	79	84	89	85	89	84	81	89	75	75	70	69	71	83	83	66	71	73	86	76		79.7
	MIN	42	43	40	51	59	59	62	61	50	54	60	58	63	64	63	62	58	59	49	54	54	55	58	58	59	48	49	58	58	59		55.6
NNAH	MAX	69	63	73	85	90	84	82	79		76	84	78	83	78	73	71	77	72	73	70	65	69	81	74	66	62	64	64	67	79		74.2
	MIN	39	49	37	47	49	47	62	49		36	53	40	57	51	56	56	48	46	39	53	54	55	53	48	51	48	48	53	57	56		49.6
NSBORD	MAX	73	61	75	86	90	83	83	75	77	70	83	82	82	80	72		78	66	79		63	70	77	75	59		65	68	64	78		74.6
	MIN	37	49	42	44	58	48	59		46	41	51	46	56	45	50		50	46	39		52	55	49	51	52		49	55	56	56		49.3
TTINGER	MAX	80	71	78	88	92	95	88	79	87	84	86	99	82	87	96	75	85	78	79	82	87	76				58	59	78	81	83		82.0
	MIN	42	51	39	51	53	57	60	47	46	52	50	56	59	58	67	50	48	47	48	42	48	60				51	50	54	51	63		51.9
LLSBORO	MAX	76	73	75	87	93	89	95	82	82	78	85	90	89	85	88	78	84	80	77	76	70	77	77	81	65	69	67	82	70	86		80.0
	MIN	39	56	42	56	57	56	66	56	54	46	53	58	59	58	59	54	53	50	44	53	54	57	59	57	56	46	51	57	57	59		54.1
MESTOWN CAA	MAX	79	72	76	86	96	92	91	76	85	77	89	92	86	86	90	78	86	75	74	75	63	70	83	73	62	70	63	77	72	92		79.5
	MIN	34	42	35	54	59	51	66	53	46	47	54	54	60	50	59	58	50	46	38	53	55	57	58	55	49	47	52	59	59	58		51.9
MESTOWN STATE HOSP	MAX	80	80	76	87	97	91	93	90	84	83	89	93	91	87	90	80	86	79	75	74	67	72	84	80	65	67	62	80	73	94		81.6
	MIN	35	43	39	55	57	45	58	42	45	40	44	54	58	43	50	60	49	52	39	53	56	58	60	56	56	49	53	60	59	58		50.9
NMARE	MAX	68	74	63	77	89	88	86	80	72	83	71	83	85	82	82	68	73	79	69	77	62	75	81	83	72	60	74	64	60	68		74.9
	MIN	40	48	42	50	52	50	60	46	45	49	48	45	52	45	55	52	45	43	40	50	52	53	48	47	49	42	51	50	53	52		48.5
NSAL WILDLIFE REFUGE	MAX	78	66	76	85	94	92	89	84	83	80	89	89	85	84	86	80	86	85	76	74	64	73	82	70	68	69	65	76	77	90		79.8
	MIN	32	42	36	54	56	50	66	51	46	47	52	49	50	42	57	56	47	43	36	52	54	57	57	51	55	47	51	59	57	57		50.3
NGDON EXP FARM	MAX	75	64	72	80	91	87	88	82	78	73	86	85	85	83	80	75	80	78	75	71	65	72	76	75	68	63	65	67	67	80		76.2
	MIN	40	50	36	46	52	47	62	49	42	39	51	41	57	43	51	56	48	45	36	56	52	55	55	50	48	47	48	57	55	56		49.0
RIMORE	MAX	76	70	73	84	92	91	92	87	80	79	88	89	84	88	85	79	81	83	80	74	68	77	75	74	65	67	68	77	69	85		79.3
	MIN	38	52	43	52	59	55	66	55	50	45	54	52	63	51	56	51	48	50	44	56	55	57	60	57	54	45	53	60	59	58		53.3
EEDS	MAX	79	69	78	90	94	88	92	83	85	76	88	88	85	85	83	77	81	73	76	69		92	83	79	68	69	67	71	86			80.5
	MIN	48	52	40	51	54					44	52	46	58	47	61	56	47	45	39	55	54	57	55	53	52	51	53	56	57	56		51.5
INTON	MAX	82	73	72	85	95	96	93	80	86	85	87	96	95	89	93	88	89	81	75	80	82	79	82	79	65	65	63	80	79	92		82.9
	MIN	40	55	37	55	50	65	71	52	41	58	56	52	62	56	66	60	45	51	40	55	58	59	60	59	59	54	53	60	53	64		54.9
STWOOD 12N	MAX	71	71	72	85	84	83	83	75	78	74	80	83	82	78	78	72	77	75	75	66	71					80	70	59	67	81		75.8
	MIN	36	46	38	51	50	48	60	42	42	40	48	46	52	39	53	45	40	38	34	34	51					39	52	52	53	57		45.6
AOOCK AGR SCHOOL	MAX	76	73	75	91	93	89	85	82	82	79	86	89	85	82	91	82	82	73	74	67	67	71	80	77	65	67	65	66	73	91		78.6
	MIN	36	52	36	52	55	50	68	50	45	45	52	46	59	46	58	56	47	47	38	55	54	57	53	53	53	51	54	57	57	58		51.3
ANDAN EXP STATION	MAX	64	81	68	74	88	93	96	87	75	85	79	85	95	82	86	98	76	83	73	75	79	79	77	80	68	62	65	62	75	76		78.9
	MIN	41	55	37	55	52	57	66	52	42	53	53	53	61	54	63	58	48	51	39	52	56	60	55	55	55	52	53	54	55	61		53.3
ANDAN FT LINCOLN PARK	MAX	84	76	75	93	97	97	91	79	89	89		96	91	88	100	85	89	77	76	80	81	80	82	78	65	66	68	79	77	90		83.4
	MIN	40	52	40	50	55	57	65	52	43	53	53	53	62	51	65	58	54	51	41	41	55	59	69	56	55	52	54	57	54	62		53.6
ARMARTH	MAX	83	72		88	94	97	87	76	88	88	83	99	82	88	90	77	87	78	82	82	87	80	81	81	63	60	60	79	85	85		82.1
	MIN	49	50	44	44	44	57	58	47	40	56	49	62	57	53	60	50	57	49	56	52	44		55	53	52	50	54	52	52	66		52.1
AX	MAX	67	80	60	75	82	92	92	88	72	82	73	85	90	82	79	85	78	81	68	82	73	78	78	84	72	69	68	62	72	74		77.4
	MIN	44	51	44	52	52	58	62	52	48	52	52	53	56	52	52	55	45	41	45	47	54	56	55	52	51	51	51	55	55	62		52.0
AYVILLE	MAX	76	74	75	84	93	88	94	84	81	77	90	91	86	84	81	79	84	80	74	74	69	77	78	78	65	69	68	80	74	85		79.7
	MIN	34	54	42	53	60	54	62	56	49	46	54	53	65	53	58	63	53	54	45	55	58	58	61	58	56	46	54	62	60	58		54.5
C CLUSKY	MAX	80	76	73	88	90	92	89	80	81	80	85	90	85	81	89	86	80	72	71	72	72	71	79	78	68	66	62	68	72	83		78.6
	MIN	42	51	40	55	52	58	66	49	46	49	54	51	58	50	55	56	48	46	45	52	55	57	55	52	53	52	53	54	47	56	59	52.1
C HENRY 5 N	MAX	75	69	71	82	90	85	86	76	78	71	85	87	82	81	86	73	80	71	72	70	63	71	76	71	65	65	62	74	72	88		75.9
	MIN	37	52	38	52	53	52	65	50	42	45	53	47	64	47	55	56	45	47	41	53	51	55	56	53	53	47	50	58	57	57		51.0
C LEOD 3 E	MAX	76	77	76	80	95	94	97	84	86	83	88	90	90	85	89	77	87	77	78	71	65	72	82	76	68	72	69	83		83		81.0
	MIN	41	62	40	53	60	57	67	56	45	49	54	56	68	57	55	61		45	42	54	54	57	58	59	56	56	54	64				54.8
EDORA 4 NNE	MAX	83	68	78	89	93	99	95	82	87	86	83	97	86	85	90	78	77	82	82	80	87	83	81	75	69	65	60	76	81	85		82.1
	MIN	49	54	35	46	46	58	64	47	37	57	50	56	58	44	63	54	47	44	42	52	42	57	55	52	52	40	52	55	47	64		50.6
INOT CAA	MAX	78	62	72	90	90	86	81	72	83	70	85	86	82	79	76	73	80	68	71	68	68	77	83	72	60	67	63	61	70	79		75.1
	MIN	46	48	41	51	55	51	61	49	46	47	50	47	56	50	58	54	45	46	41	54	53	54	52	49	51	50	55	55	55	58		50.9
INOT EXP FARM	MAX	79	75	72	89	90	89	84	77	82	78	84	88	85	83	80	75	79	78	74	69	71	77	81	78	69	68	66	62	70	80		77.7
	MIN	45	50	41	51	54	51	67	48	45	45	50	46	55	45	57	54	45	44	40	52	54	54	53	50	51	53	56	55	55	58		50.8
OHALL	MAX	74	69	75	92	91	86	84	78	83	74	82	83	83	82	75	75	80	74	77	67	66	81	85	77	68	69	62	68	69	79		76.9
	MIN	36	47	38	48	50	45	61	46	41	45	50	42	55	42	54	53	41	43	37	52	50	54	51	44	47	53	55	56	54	58		48.3
OTT	MAX	80	70	74	88	92	95	87	78	84	82	80	95	79	84	95	79	85	71	76	83	85	78	80	70	60	61	61	72	78	82		79.5
	MIN	41	34	36	37	46		52	48	41	54	51	51	57	49	55	54	45	49	40	47	43	59	52	52	52	54	50	55	47	52		48.4
UNICH 4 SW	MAX	72	60	73	86	91	90	90	79	74	72	85	84	85	82	76	74	78	72	75	70	64	70	76	74	67	63	66	69	66	80		75.4
	MIN	37	50	36	47	51	50	59	50	37	40	54	42	56	42	58	56	44	44	38	55	53	55	55	51	50	49	50	56	56	55		49.2
APOLEON 1 SE	MAX	80	75	72	82	95	94	91	79	86	78	90	95	90	87	90	84	87	78	72	88	75	78	84	79	63	65	63	76	75	89		81.3
	MIN	37	35	36	51	54	58	70	51	42	53	54	50	63	52	64	59	51	51	37	53	54	59	57	56	51	52	52	54	55	61		53.1

See Reference Notes Following Station Index

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX	80	70	74	89	92	92	86	78	86	83	82	98	85	85	95	85	83	75	78	82	85	79	80	75	63	60	59	76	79	83		80.
	MIN	44	38	37	45	48	56	60	42	40	55	48	53	56	53	53	53	51	49	45	48	46	59	53	54	51	51	51	55	48	63		50.
NEW SALEM 1 S	MAX	81	76	77	90	94	97	87	74	86	78	84	98	83	86	100	79	82	73	74	85	84	77	84	77	64	61	61	75	75	82		80.
	MIN	46	52	43	50	55	51	63	48	45	46	51	48	56	52	59	51	49	49	40	50	51	56	51	48	48	49	48	50	52	60		50.
OAKES	MAX	65	79	75	71	79	92	91	95	73	83	77	87	90	88	86	85	78	85	74	73	73	64	76	88	76	64	69	68	80	74		78.
	MIN	38	58	40	52	58	57	69	56	48	52	61	57	68	60	61	61	51	51	40	50	56	57	61	58	57	43	54	49	57	60		54.
PARK RIVER	MAX	76	67	75	86	92	92	91	87	80	77	90	90	87	84	83	79	82	80	78	74	69	78	77	78	73	67	70	70	69	85		79.
	MIN	40	52	45	49	61	58	64	53	49	43	53	49	63	51	59	60	53	51	49	57	55	57	59	56	54	50	53	59	58	59		54.
PARSHALL	MAX	79	77	73	90	91	92	83	79	85	80	83	90	87	82	79	76	81	76	78	76	80	81	82	77	67	68	66	64	72	83		79.
	MIN	41	47	32	47	45	48	59	45	36	46	49	46	51	40	58	52	39	39	36	50	50	56	50	43	46	44	52	52	50	59		46.
PEMBINA 2N	MAX	78	78	75	80	90	91	92	91	78	78	85	86	85	85	80	78	79	79	75	75	74	74	76	79	78	65	75	71	70	76		79.
	MIN	42	52	40	50	55	50	60	47	46	37	55	46	60	58	59	56	52	49	37	59	54	55	62	55	53	52	50	60	59	48		51.
PETTIBONE	MAX	79	75	73	85	93	92	89	81	82	80	82	87	86	87	88	79	83	79	72	71	68	70	80	72	66	66	62	74	72	89		78.
	MIN	40	52	37	53	52	57	66	52	45	52	56		59	56	56	57	49	51	42	51	56	57	56	55	55	51	53	57	56	58		53.
PORTAL	MAX	69	72	65	76	87	86	84	77	79	70	70	76	81	80	80	66	74	78	68	78	58	68	81	78	72	63	72	67	64	68		73.
	MIN	41	48	40	52	50	49	53	43	42	47	47	44	51	40	50		40		40	51	52	54	53	46	45	44	53	53	48	57		47.
POWERS LAKE 1N	MAX	75	69	74	88	86	85	82	73	79	70	82	86	79	81	74	72	76	68	74	65	73	78	78	73	65	69	66	61	68	79		74.
	MIN	39	45	37	52	46	54	61	43	39	49	49	47	52	41	55	45	35	39	35	36	34	51	48	57	49	42	53	52	51	58		46.
RICHAROTON ABBEY	MAX	80	75	75	90	93	98	92	80	87	81	82	96	87	85	95	81	82	78	77	81	87	79	82	80	67	62	59	75	80	84		81.
	MIN	43	50	40	49	55	60	63	47	48	57	53	53	55	54	59	54	51	48	48	49	49	58	55	55	50	51	50	53	52	62		52.
RIVEROALE	MAX	75	80	61	73	89	91	94	82	72	82	76	84	90	81	82	95	75	81	76	73	77	80	78	82	73	60	64	63	69	73		77.
	MIN	42	54	40	52	55	57	64	48	47	54	53	52	56	49	57	56	48	46	44	52	54	56	53	52	51	49	55	54	56	59		52.
ROLLA	MAX	73	60	72	86	88	79	80	75	76	71	82	81	79	77	72	70	76	72	73	67	62	72	76	75	65	62	60	68	63	80		73.
	MIN	32	47	38	40	57	56	59	48	43	43	49	48	55	48	55	54	40	40	43	51	55	55	51	52	49	49	51	54	55	55		49.
RUGBY	MAX	74	73	74	86	92	89	86	82	80	78	81	86	86	84	84	80	83	78	78	70	64	70	80	80	70	65	66	66	69	79		77.
	MIN	39	51	39	51	53	53	69	50	44	48	52	48	58	47	62	56	46	46	40	56	55	57	52	54	53	52	54	56	57	58		51.
SAN HAVEN	MAX	72	63	74	87	88	84	78	77	75	72	82	79	78	78	69	67	77	75	75	69	62	70	79	74	67	64	65	63	65	78		73.
	MIN	39	51	42	49	59	56	63	46	47	49	51	47	57	45	56	53	46	41	45	52	54	53	53	53	52	49	53	55	56	57		51.
SANISH	MAX	68	81	64	77	91	91	97	82	75	87	78	87	89	81	83	78	75	80	72	79	78	80	79	80	72	65	71	62	65	71		77.
	MIN	36	46	32	42	45	50	63	46	35	45	56	46	53	41	46	53	37	43	37	46	49	54	51	48	48	46	49	51	48	51		46.
SHARON	MAX	75	70	72	81	89	88	88	81	80	73	85	87	84	81	84	76	80	74	74	72	67	75	77	72	64	67	66	74	73	84		77.
	MIN	42	52	42	54	55	57	64	52	50	46	53	52	65	51	55	59	48	50	42	53	54	55	59	57	54	47	53	60	58	57		53.
STANLEY	MAX	76	75	75	87	87	86	85	70	83	71	82	85	80	82	76	73	78	69	76	68	76	80	79	71	62	75	63	62	69	81		76.
	MIN	46	46						36	42	41	47	46	46	44		55	42	39	35	50	49	57	42	46	46	45	53	52	53	59		46.
STEELE	MAX	80	80	73	86	94	94	90	82	85	80	87	94	94	83	90	87	85	82	70	75	73	75	80	80	78	64	65	75	75	90		81.
	MIN	40	55	38	53	52	54	69	50	45	61	53	51	63	47	60	56	46	49	40	52	55	57	55	57	55	50	52	52	55	60		52.
TOWNER	MAX	72	74	72	90	92	87	88	80	82	76	87	87	84	82	82	75	82	75	73	69	67	72	80	76	67	66	67	65	73	75		77.
	MIN	35	47	47	55		52		47	40				54	46		52	48		37		53	54	50	46	48	52	57	56	58	57		49.
TURTLE LAKE	MAX	80	74		88										90	90	74	81	75	72	74	75	76	80	79	71	66	65	68	72	80		
	MIN	44	54		52										49	55	56	49	45	40	41	50	55	53	51	50	51	55	55	55	54		
UNOERWOOO	MAX	76	80	61	72	89	91	94	83	72	83	76	86	90	82	82	92	75	80	70	72	76	78	76	83	73	59	66	64	69	72		77.
	MIN	42	52	41	52	53	58	58	47	47	54	52	51	56	50	55	56	50	45	45	52	53	62	55	50	50	50	55	54	56	57		51.
UPHAM 3N	MAX	75	66	76	91	96	91	89	80	86	79	89	90	88	86	76	78	86	78			73	77	88	82	72	72	70	64	72	82		80.
	MIN	38	48	36	49	50	46	59	47	41	45	48	42	58	42	56	53	42	43	35	59	50	55	49	42	50	47	52	55	56	56		48.
VALLEY CITY	MAX	78	74	76	85	95	93	93	90	83	80	90	90	89	88	90	86	85	82	75	72	72	72	85	83	65	68	68	80	78	90		81.
	MIN	34	55	40	54	59	58	69	55	45	55	55	59	69	52	62	62	54	52	39	51	54	58	60	60	56	46	54	60	60	59		54.
VAN HOOK	MAX	81	73	75	92	91	95	84	78	86	78	83	92		86	78	75	79	76	78	76	82	81	81	79	69	71	68	65	73	84		79.
	MIN	43	51	35	50	48	55	63	48	41	48	50	44		44	59	54	44	43	38	51	53	60	53	49	50	48	54	55	53	62		49.
VELVA	MAX	78	77	73	88	89	85	82	77	82	75	84	87	81	78	87	82	82	75	72	68	70	72	79	76	68	66	64	64	70	78		77.
	MIN	42	52	41	54	55	59	68	46	47	45	52	47	57	47	58	45	47	48	40	54	57	57	52	46	53	48	56	56	56	60		51.
WAHPETON STATE SCHOOL	MAX	76	81	76	78	94	94	98	96	86	84	84	89	90	90	89	84	85	85	75	74	67	73	83	83	70	75	71	83	84	89		82.
	MIN	40	61	40	55	59	55	68	57	48	46	54	56	68	62	64	61	51	57	44	55	55	57	58	62	56	45	55	63	56	57		55.
WASHBURN	MAX	79		72	89	94	95	89	81	85	78	86	91	87	85	94	76	82	77	74	78	78	79	84	81	71	67	69	73	75	84		81.
	MIN		63	40	55	54	55	65	50	44	51	52	50	58	48	55	57	50	46	42	52	56	58	54	53	52	52	54	55	56	61		53.
WATFORO CITY	MAX	82	64	78	91	90	98	86	72	87	71	82	91	80	83	87	75	80	76	77	79	84	80	80	73	65	71	60	70	78	83		79.
	MIN	44	48	37	50	51	58	62	46	43	51	51	51	43	43	64	52	47	41	46	52	50	58	58	53	47	44	52	54	52	62		50.
WESTHOPE	MAX	70	63	74	92	93	85	85	75	81	72	83	85	85	82	67	75	80	72	75	60	64	71	81	72	61	68	70	61	69	81		75.
	MIN	40	43	37	49	53	50	61	46	42	46	50	49	55	41	58	52	43	42	37	50	54	51	55	47	50	50	54	55	55	58		49.
WILLISTON WR CITY	MAX	79	59	77	87	89	95	80	74	85	76	83	92	78	80	77	74	77	71	76	70	82	78	78	70	63	71	60	68	74	82		76.
	MIN	48	49	43	56	55	59	52	46	44	54	56	53	55	47	58	55	50	44	48	55	50	56	57	54	48	45	55	56	53	62		52.
WILLOW CITY	MAX	73	63	75	89	92	85	86	74	83	72	86	85	86	84	78	75	81	70	75	64	65	70	80	76	62	67	65	67	68	78		75.
	MIN	35	48	35	36	54	45	61	48	44	41	45	40	57	43	56	54	43	45	33	53	53	54	50	48	48	49	51	55	56	57		47.
WILTON RR STATION	MAX	64	79	64	71	87	90	92		84	83	75	85	90	81	81	92	75	80	71	68	74	71	74	78	70	61	64	61	71	72		76.
	MIN	40	44	39	53	58	60	64		45	53	52	52	58	54	56	55	52	46	42	51	52	56	55	55	52	51	53	53	55	57		52.
WISHEK	MAX	79	76	72	81	93	93	91	85	83	82	86	92	92	80																		81.
	MIN		56	35	52	55	62	68	57	51	54	53	52	62	53	69	57	48	45	42	51	55	57	57	52	55	50	50	57	53	60		54.

TABLE 6 FOR THIS ISSUE MAY BE FOUNO ON PAGE 77.

See reference notes following Station Index.

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1951-1952

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
MONT 7 SW	40	76	309	663	1203	1740	1772	1268	1658	492	252	39	9312	
ENIA	22	50	276	633	1283	1783	1959	1371	1321	512	251	41	9502	
VILLA STATE PARK	35	85		715	1350	1811	1983	1376	1342	517	349			
HLEY	49	91	310	680	1205	1795	1854	1367	1463	576	317	46	9751	
LCOURT INDIAN RES	86	176	481	828	1419	1954	2044	1453	1521	540	415	161	11078	
LFIELD	64	84	370	722	1180	1792	1722	1275	1426	504	327	79	9545	
SBEE	48	117	409	813	1319	1906	1994	1404	1419	462	340	87	10318	
SMARCK WB AIRPORT	28	67	310	680	1247	1832	1961	1373	1472	512	297	49	9828	9014
WMAN COURT HOUSE	72	59	401	718	1174	1714	1713	1318	1473	524	314	61	9541	
RT 16 N														
TTE	34	95	339	692	1248	1823	1901	1369	1458	462				
RSON 2 S W	55	80	330	713	1190	1768	1795	1320	1475	532	255			
VALIER	37	62	355	723	1324						288	40		
NTER	51	93	327	686	1274	1810	1903	1311	1514	525	300	53	9847	
OPERSTOWN	37	98	350	699	1300	1835	1953	1385	1370	526	304	59	9917	
OSBY	53	141	391	752	1306	1854	1966	1441	1491	473	316	124	10308	
VILS LAKE W B CITY	46	89	371	768	1373	1874	1987	1383	1405	513	337	76	10222	10339
CKINSON CAA	60	89	376	727	1207	1787	1787	1330	1506	507	332	64	9772	
NSEITH ST SANITARIU	51	138	437											
MORE 1 W	67	124	435	795	1434	1912	2034	1420	1461	570	371	103	10726	
BOWOOOS	64	80	379	658	1211	1959	1946	1329	1510			67		
LENDALE	73	46	284	625	1178	1755	1828	1314	1369	509	262	30	9273	
PING	19	78	366	706	1289	1855	1906	1405	1484	455	271	66	9900	
RGO WB AIRPORT	35	56	306	666	1311	1799	1967	1401	1379	525	301	49	9795	9348
SSENDEN	45	99	333	699	1319	1854	1970	1404	1477	487	310	72	10069	
RMAN	20	58	288	627	1208	1779	1835	1360				37		
RT YATES	32	76	291	660	1118	1765	1798	1277	1300	509	277	50	9153	
XHOLM WILDLIFE REFU	39	105	346	680	1279	1814	1925	1335	1448	431	288	61	9751	
LLERTON	15	49	283	609	1196	1754	1873	1335	1372	514	277	37	9314	
CKLE	49	51	317	658	1250	1815	1936	1395	1440	544	257	45	9757	
RRISON	35	96	356	741	1308	1845	1903	1372	1510	493	295	72	10026	
AFTON STATE SCHOOL	26	63	338	690	1331	1836	1988	1337	1336	502	297	50	9794	
ANO FORKS CAA	35	64	328	717	1372	1853	2028	1420	1326	521	341	73	10078	
ANO FORKS UNIV	27	62	310	696	1358	1837	2040	1361	1307	493	312	73	9876	
ANO RAPIDS 1 N	20	62	297	643	1229	1787	1874	1393	1396	528	276	45	9550	
ANVILLE	39	90	342	686	1161	1833	1950	1375	1444	464	313	79	9776	
ENORA		103	375	706	1237	1866	1927	1376	1515	477	342	125		
NNAH	79	151	445	841	1413	1936	2065	1445	1456	523	390	117	10861	
NSBORO	82	166	420	790	1338	1915	2026	1407	1438	517	390	114	10603	
TTINGER	67	68	345	701	1137	1692	1699	1283	1457	531	283	49	9312	
LLSBORO	24	73	318	685	1328	1827	1973	1382	1349		297	41		
MESTOWN CAA	46	83	349	707	1298	1816	1930	1393	1431	533	340	72	9998	
MESTOWN STATE HOSP	30	54	311	666	1257	1783	1912	1360	1406	520	298	50	9647	
NSAL WILDLIFE REF	43	73	326	675	1302	1833	1957	1388	1436	563	340	72	9988	
NGOON EXP FARM	77	131	426	768	1398	1944	2019	1409	1430	526	372	101	10601	
RIMORE	36	82	332	691	1324	1778	1926	1337	1323	506	312	47	9694	
EOS	45	93	364	721	1301	1872	1960	1377	1397	449	297	58	9934	
INTON	28	41	292	604	1182	1772	1875	1350	1391	502	252	38	9327	
STWOOD 12 N	61	166	423	794	1358					383	331	144		
ADOCK AGR SCHOOL	57	90	352	730	1353	1864	1990	1394	1452	508	312	68	10170	
NOAN FT LINCOLN PAR	25	48	294	614	1202	1760	1839	1293	1380	464	242	38	9199	
RMARTH	33	38	331	672	1194	1745	1784	1323	1397		254	38		
AX	32													
AYVILLE	26	64	289	663	1293	1800	1958	1369	1314	509	313	41	9639	
C CLUSKY	31	78	329	674	1280	1821	1890	1394	1496	500	288	57	9838	
C HENRY 5 N	53	115	391	744	1366	1876	2017	1430	1457	558	343	94	10444	
C LEOO 3 E	31	57	277	614	1272	1829	1885	1441	1381	539	277	40	9643	
EOORA 4 NNE	60	57	332	691	1163	1764	1805	1275	1358	479	275	50	9309	
INOT CAA	49	122	369	739	1302	1842	1905	1364	1450	451	328	93	10014	
INOT EXP FARM	41	113	356	713	1305	1831	1929	1372	1472	468	293	63	9956	
OHALL	61	135	386	732	1330	1871	1997	1397	1458	459	315	99	10240	
OTT	70	83	368	708	1180	1785	1825	1332	1485	541	327	81	9785	
UNICH 4 SW	70	138	438	790	1435	1961	2066	1440	1462	539	360	112	10811	
APOLEON 1 SE	39	85	314	682	1259	1826	1891	1374	1481	578	305	49	9883	
EW ENGLAND	69	75	379	710	1177	1756	1792	1309	1451	514	307	64	9603	
EW SALEM 1 S	48	112	308	734	1281	1852	1897	1325	1493	514	312	60	9936	
ARK RIVER	24	52	334	686	1348	1799	1922	1309	1333	465	283	37	9592	
ARSHALL	63	123	369	722	1341	1855	1935	1416	1526	497	326	95	10268	
EMBINA 2 N	43	84	368	670	1368	1829	1988	1359	1334	471	287	44	9845	
ETERSBURG	38	86	379	731	1385	1849	1964	1387	1392	527				
ETTIBONE	39	83	332	707	1283	1804	1940	1418	1489	545	308	54	10002	
OWERS LAKE 1 N	89	144	454	790	1249	1930	1973	1450	1573	539	365	145	10701	
ICHAROTON ABBEY	44	68	337	679	1186	1737	1756	1275	1448	467	270	42	9309	
IVEROALE	35	98	349	696	1268	1805	1886	1335	1529					
OLLA	61	151	453	776	1370	1913	2006	1425	1474	496	355	131	10611	
UGBY	37	86	363	698	1329	1849	1957	1376	1435	445	275	61	9911	
AN HAVEN				767	1352	1873	1952	1379	1423	476	316	106		
HARON	38	81	357	715	1335	1857	1962	1375	1359	537	316	59	9991	
TANLEY	54	132	435	802	1344	1884	1940	1471	1570	513	359	143	10647	
TEELE	46	107	350			1807	1906	1368	1451	546	279	41		
OWNER	36	100	368	732	1273	1873	1997	1420	1460	414	323	93	10089	
URTLE LAKE	35	80	330	659	1262		1860	1393		518	311			
NDERWOOD 12 W	55	74	314	693	1296									
PHAM 3 N	49	105	380	697	1325	1867	2005	1389	1420	444	266	65	10012	
ALLEY CITY	26	45	295	645	1272	1778	1890	1346	1339	502	264	46	9448	
AN HOOK	50	91	363	675	1291	1831	1909	1372	1507	461	299	61	9910	
ELVA	49	111	359	689	1283	1803	1914	1334	1440	436	314	69	9801	
AHPETON STATE SCHOOL	17	29	258	581	1234	1726	1866	1356	1368	533	251	32	9251	
ASHBURN	23	70	305	665	1235	1815	1878	1321	1485	482	267	33	9579	
ATFORD CITY	36	79	375	722	1233	1817	1849	1328	1436	454	277	74	9680	
ESTHOPE	41	112	417	777	1384	1909	2024	1433	1439	473	322	123	10454	
ILLISTON WB CITY	38	80	351	695	1214	1833	1841	1356	1453	429	294	66	9650	9352
ILLOW CITY	69	136	395	762	1367	1909	2071	1433	1460	501	357	118	10578	
ISHEK											364	47		

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

NORTH DAKOT
DELAYED DAT

Station	Temperature												Precipitation									
										No. of Days							Snow, Sleet, Hail			No. of Days		
										Max.		Min.										
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00
September 1951																							
EASTERN DIVISION																							
Baldbill Dam	66.3	40.8	53.6M		84	19	20	28+		0	0	5	0	1.36		.50	5	.0	0		9	1	0
October 1951																							
Baldhill Dam	54.5	31.8	43.2M		82	2	2	31		0	2	16	0	1.43		.45	5				8	0	0
November 1951																							
Baldhill Dam	32.7	7.6	20.2M		50	10	-14	24		0	19	30	11	.20		.20	14				1	0	0
December 1951																							
Baldhill Dam	16.6	-3.5	6.5		44	1	-26	18+		0	24	30	20	.48		.15	20				8	0	0
January 1952																							
Baldhill Dam	11.5	-9.6	1.9		32	31	-30	29		0	31	31	26	1.60		.82	21				7	1	0
February 1952																							
Baldhill Dam	27.2	6.1	16.7		40	1+	-12	21+		0	21	29	10	.39		.22	23				4	0	0
March 1952																							
Baldhill Dam	27.9	10.5	19.2		46	31	-26	2		0	20	31	6	.72		.17	18				6	0	0

DAILY PRECIPITATION

Table 3

Station	Total	Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
September 1951																														
Baldhill Dam	1.3C	.08				.50	.0B							.0B							T	.15			.02	.08	.10	.27				
October 1951																														
Baldbill Dam	1.43				.15	.45						T			.22						.10	.10	.22							.15	.04
November 1951																														
Baldhill Dam	.20			T											.20	T	T						T	T						
December 1951																														
Baldhill Dam	.4B		T			T	.05	.10	T		T	.02	.04						.02	T	.15	.06	T					T	.04	T	T
January 1952																														
Baldhill Dam	1.60	.14								T			T	T	T	.15	T			T		.82	.21	.10	.06	T		.12				
February 1952																														
Baldhill Dam	.39								.06						.05	.06	T	T			T	T		.22							
Fairfield 8 N	.40							.15										T	T	.13	.06							T	.06		
Selfridge 11 W	1.49								.09						.21		.18	.18	.35	.32			.16								
March 1952																														
Baldhill Dam	.72	T	.16	T			T	.13	T									.08	.17			.04	T				T	.14			
Bantry	.05			.05			T	T		T											T	T									

DAILY TEMPERATURES

Table 5

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
September 1951																																	
Baldhill Dam	MAX	66	68	70	70	64		76	78	76	78	74	78	66	66	66	62	76	76	84	78	68	50	58	62	50	50	52	44	52	64		66.3
	MIN	50	50	50	58	50	48	44	44	50	52	50	48	48	42	42	36	38	44	42	42	40	30	34	22	28	34	34	20	20	34		40.8
Octoher 1951																																	
Baldhill Dam	MAX	80	82	74	60	54						76	76	74	60	70	68	64	48	44	40	36	38	42	38	60	40	32	42	46	42	32	54.5
	MIN	48	54	50	42	38	40	36	34		34	42	42	44	38	38	32	30	32	22	30	24	24	24	24	32	18	12	20	24	24	2	31.8
November 1951																																	
Baldhill Dam	MAX	32	14	26	18	20	28	32	32	48	50	50	46	50			26	34	32	24	26	38	22	14		30	30	22	46	42	50		32.7
	MIN	- 2	- 6	- 6	- 4	-12	-12	6	4	22	20	26	28	28			16		8	- 4	14	18	- 8	- 8	-14	0	8	10	22	26	24		7.6
Decemher 1951																																	
Baldhill Dam	MAX	44	42	40	40	34	36	34	30	18	28	30	18	2	4	- 4	- 8	- 4	0	- 8	- 6	- 4	0	10	0	18	14	10	8	30	30	30	16.6
	MIN	16	20	22	22	26	34	26	16	- 4	2	- 8	-10	-18	-16	-16	-20	-20	-26	-26	-10	-10	-18	-26	-26	-10	- 8	-14	- 8	2	4	- 4	- 3.5
January 1952																																	
Baldhill Dam	MAX	- 2	- 6	10	20	18	14	16	30	20	10	18	22	10	16	16	14	10	12	26	10	4	10	-10	- 4	6	12	8	6	0	8	32	11.5
	MIN	-20	-20	- 8	- 4	- 2	- 4	4	4	4	-12	- 6	- 2	- 2	- 6	4		- 4	- 6		-22	-22	-10	-24	-26	-18	-12	-12	-24	-30	-26	8	- 9.6
Fehruary 1952																																	
Baldhill Dam	MAX	40	40	40	28	28	24	28	28	28	38	34	38	24	32	36	24	16	12	18	16	12	20	16	22	26	32	40	30	20			27.2
	MIN	18	18	18	10	4	14	14	4	4	10	14	14	14	18	20	12	- 4	0	0	8	-12	-12	-10	-10	4	8	0	- 2	0			6.1
March 1952																																	
Baldhill Dam	MAX	10	8	8	6	18	16	22	30	30	34	30	30	32	30	34	32	30	32	34	34	30	24	22	28	34	34	34	38	36	40	46	27.9
	MIN	-12	-26	-16	-20	-12	- 2	12	22	16	12	16	16	18	20	22	4	12	24	24	24	10	8	4	2	10	20	20	16	26	26	28	10.5

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage**	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
AMS 7 S	0022	WALSH	10	48 20	98 06	-		6P	MYRON J. BATA	3
ERANDER	0096	MC KENZIE	13	47 50	103 38	2200		6P	ARTHUR J. BAUMAN	3
WNT 7 SW	0136	MORTON	4	46 43	101 39	2300	7P	7P	HOGAN RAMSLAND	2 3 5 7
BROSE	0189	DIVIDE	12	48 58	103 28	2060		6P	JAMES A. OPPERUD	3
ENJA	0196	CASS	11	47 00	97 13	960	SS	SS	VIRGIL L. GEBEKE	2 3 5 7
IDON	0209	SLOPE	1	46 30	103 19	2910	8A	8A	VIRGINIA M. ZUNDEL	2 3 5 7
TLER	0263	BOTTINEAU	12	48 58	101 20	1540		MID	W. H. WEGNER	3
VILLA STATE PARK	0369	GRAND FORKS	10	47 56	97 30	960	6P	6P	ALBERT THOREN	2 3 5
MLEY	0382	MC INTOSH	8	46 02	99 22	2025	SS	SS	SOO LINE AGENT	2 3 5 7
LOMILL DAM	0450	BARNES	11	47 02	98 05	1300	8A	8A	F. A. JOHNSON	2 3 5
L A	0460	PIERCE	11	48 10	100 02	1550		6P	ROYCE E. PAULSON	3
NTRY	0516	MC HENRY	12	48 30	100 36	-		6P	TEMPLE K. ROBERTS	3
KIN	0590	GOLDEN VALLEY	7	46 55	104 01	2814	6A	6A	HELEN TOBIAS	2 3 5 7
LCOURT INDIAN RES.	0626	ROLETTE	9	48 50	99 45	1960	7P	7P	TURTLE MT. IND. AG.	2 3 5 7
LFIELD	0639	STARK	4	46 52	103 11	2592	7P	7P	CARL INDERGAARD	2 3 5 7
RTHOLD	0729	WARD	12	48 19	101 44	2080		6P	JOSEPH S. COX	3
ULAH	0766	MERCER	6	47 16	101 47	1780		4PM	MONT. DAK. UTIL.CO.	3 7
SREE	0796	TOWNER	2	48 37	99 22	1600	6P	6P	ROBERT J. KRICK	2 3 5 7
SMARCK WB CITY	0814	BURLEIGHT	8	46 48	100 48	1670	9A	9A	U.S. WEATHER BUREAU	2 3 5 7
SMARCK WB AIRPORT	0819	BURLEIGHT	8	46 46	100 45	1650	MID	MID	U.S. WEATHER BUREAU	2 3 5 7
TTINEAU	0941	BOTTINEAU	12	48 50	100 27	1638	8A	8A	N. D. SCH OF FRSTRY	2 3 5 7
WBELLS	0961	BURKE	12	48 48	102 15	1953	8A	8A	FELIX L. ADAMS	2 3 5 7
WBELLS 5 E	0966	WARD	12	48 48	101 08	1925	8A	8A	DEVELOPMENT FARM	2 3 5 6
WMAN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2872	5P	5P	O. B. HOOK	2 3 5
WMAN 11 SE	0998	BOWMAN	3	46 04	103 19	-		6P	BERNARD L. DOMAGALA	3
WMAN 30 NNW	1001	SLOPE	8	46 35	103 31	-		5P	ROBERT L. HANSON	3
EIEN	1052	MORTON	1	46 24	100 57	1720		MID	FRANK E. POTTER	3
CHANAN	1124	STUTSMAN	5	47 04	98 49	-		MID	W. H. HENDRICKSON	3
RT 16 N	1216	HETTINGER	1	46 36	102 08			6P	JACOB GRNEBELE	3
TTE	1225	MC LEAN	12	47 50	100 40	1880	6A	6A	EARL R. WARD	2 3 5
NOO	1288	TOWNER	2	48 29	99 12			MID	HARRY E. HARRIS	3
RRINGTON	1360	FOSTER	5	47 27	99 08	1579	7A	7A	SOO LINE AGENT	2 3 5
RSON	1365	GRANT	4	46 25	101 34	2300		MID	VINCENT MUGGLI	3
RSON 2 Sw	1370	GRANT	4	46 23	101 35	2500	7P	7P	J. W. EVENS	2 3 5 7
VALIER	1435	PEMBINA	9	48 48	97 38	889	6P	6P	WILLIE HENSEN PICO	2 3 5
NTER	1456	OLIVER	8	47 07	101 18	2100	7P	7P	FRED L. HEINZ	2 3 5 7
LGATE	1686	STEELE	10	47 14	97 39	1180		6P	JOHN P. BURCHILL	3
LUMBUS	1696	BURKE	12	48 54	102 47	1930		6P	J. D. SUNDELL	3
OPERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	5P	5P	R. J. LOCKNER	2 3 5
RTENAY	1816	STUTSMAN	5	47 13	98 34	1523		5P	G. H. HANAWALT	3
OSBY	1871	DIVIDE	12	48 54	103 18	1954	6P	6P	VERNON V. NICHOLS	2 3 5 7
LLS LAKE WB CITY	2158	RAMSEY	2	48 07	98 52	1471	MID	MID	U.S. WEATHER BUREAU	2 3 5 6 7
CKINSON CAA AP	2183	STARK	4	46 48	102 48	2587	MID	MID	U.S. CIVIL AERO ADM	2 3 5 7
CKINSON EXP. STATION	2188	STARK	4	46 53	102 48	2460	7A	7A	DICKINSON EXP. STA.	2 3 5 6
NNYBROOK	2242	WARD	12	48 31	101 53	1760		6P	FRED E. FELDNER	3
AKE	2298	MC HENRY	12	47 55	100 22	1634	8A	8A	ED. J. EVANS	2 3 5
NN CENTER	2365	DUNN	6	47 21	102 37	2191	6A	6A	CHARLES C. NEUSTEL	2 3 5 7
KMAN	2472	BOTTINEAU	12	48 39	101 03	1500	7A	7A	SOO LINE AGENT	2 3 5
GELEY EXP. FARM	2482	LA MOURE	5	46 20	98 42	1568	8A	8A	N.D. AGRI. EXP. STA.	2 3 5 6
MORE 1 W	2525	RAMSEY	2	48 25	98 29	1524	5P	5P	MIKE DAVIS	2 3 5
LBOWOODS	2570	MC LEAN	8	47 35	102 09	2082	6P	6P	H. W. CASE	2 3 5
GIN 5 S	2592	GRANT	1	46 21	101 49	-		6P	ART A. ESLINGER	3
LENDALE	2605	DICKEY	5	46 00	98 31	1460	8P	8P	PAUL GRESS	2 3 5 7
PPING	2735	WILLIAMS	8	48 18	103 21	2224	6P	6P	T. BEACHLER	2 3 5
SMOND	2767	BENSON	11	48 02	99 46	1650		MID	LYLE O. FERING	3
AIRFIELD 8 N	2809	ILLINGS	7	47 19	103 12	2650		6P	MRS. EDITH LARSON	3
RGO WB AIRPORT	2859	CASS	10	46 54	96 48	895	MID	MID	U.S. WEATHER BUREAU	2 3 5 7
SSENDEN	2949	WELLS	5	47 39	99 37	1610	6P	6P	JOHN V. ZUBER	2 3 5
LASHER	2009	MORTON	1	46 27	101 14	1930		8A	GEORGE M. SINCLAIR	3
LAXTON	3019	BURKE	12	48 54	102 23	1940		6P	PALMER M. DUNHAM	3
ORRES 13 NW	3064	DICKEY	5	46 04	98 56	-		6P	THEODORE A WIRCH	3
RMAN	3117	SARGENT	10	46 06	97 38	1249	6P	6P	ART WATERMAN	2 3 5
RT YATES	3207	SIOUX	8	46 06	100 38	1640	SS	SS	STAND RK INDIAN AGY	2 3 5 7
XHOLM 7 N	3217	WARD	12	48 27	101 33	1609	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
RYBURG	3277	BILLINGS	4	46 53	103 18	2790		7A	HERMAN J. MAY	3
ULLERTON	3287	DICKEY	5	46 10	98 25	1439	6P	6P	F. O. ALIN	2 3 5 7
CKLE	3309	LOGAN	5	46 38	99 08	1951	6P	6P	ALVIL HUMMEL	2 3 5
RRISON	3376	MC LEAN	8	47 38	101 25	1911	MID	MID	ALBERT J. BEIRELE	2 3 5 7
LEN ULLIN 13 N	3504	MERCER	6	47 00	101 47	2221		6P	CHRIST SCHILLING	3
LDEN VALLEY 10 S	3529	MERCER	6	47 10	102 03	1870		6P	ROBERT H. BACKFISCH	3
RACE CITY	3583	FOSTER	5	47 33	98 48	-		MID	IDA BONDERUD	3
RAFTON STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 5 7
RAND FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	834	MID	MID	U.S. CIVIL AERO ADM	2 3 5 7
RAND FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	MID	7P	UNIVERSITY OF N.D.	2 3 5 7
RAND RAPIDS 1 N	3665	LA MOURE	5	46 29	98 21	1360	6P	6P	ALBERT J. NESS	2 3 5
RANVILLE	3686	MC HENRY	12	48 16	100 51	1504	7P	7P	FRED ROBLE	2 3 5 7
RASSY BUTTE	3696	MC KENZIE	7	47 24	103 14	2660		MID	SAM CHARCHENKO	3
RASSY BUTTE 10 N	3701	MC KENZIE	7	47 31	103 14	2497		6P	EDSEL G. CRIST	3
RENORA	3736	WILLIAMS	8	48 37	103 46	2114	5P	5P	L. D. NIELSON	2 3 5
ALEY	3836	BOWMAN	3	46 58	103 08	-		MID	U. E. CRAWFORD	3
ALLIDAY	3846	DUNN	6	47 21	102 20	2073		6P	JOHN KISSE	3
NKINSON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
NNAH	3936	CAVALIER	9	48 59	98 41	1570	6P	6P	U.S. CUSTOMS OFFICE	2 3 5 7
NSBORD	3963	TOWNER	9	48 57	99 23	1597	7P	7P	CHARLES E. DISHER	2 3 5
RVEY 3 NE	4013	WELLS	11	47 45	99 53	1596		6P	H. J. REYNOLDS	3
AYNES 6 NE	4073	ADAMS	1	46 01	102 24	2640		MID	BYRON B. BOBB	3
ETTINGER	4178	ADAMS	3	46 00	102 38	2680	6P	6P	FRED O. FORTHUN	2 3 5 7
ETTINGER 17 N	4186	ADAMS	1	46 15	102 39	-		6P	O. J. GERBRACHT	3
LLSBORO	4203	TRAILL	10	47 24	97 04	901	6P	6P	ALFRED JAHNKE	2 3 5
MESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1497	MID	MID	U.S. CIVIL AERO ADM	2 3 5 7
AMESTOWN ST HOSPITAL	4418	STUTSMAN	5	46 53	98 40	1457	7P	7P	N.D. ST. HOSPITAL	2 3 5
EENE 2 S	4571	MC KENZIE	8	47 54	102 56	2346		6P	KENNETH V. BERGET	3
EMARE	4646	WARD	12	48 40	102 05	1800	8A	8A	THEO E. ECKBERG	2 3 5
ENSAL WILDLIFE REFUGE	4656	STUTSMAN	5	47 15	98 52	1440	7P	7P	U.S. WILDLIFE REFUGE	2 3 5 7
ILLDEER 8 NW	4726	DUNN	7	47 26	102 53	2240		6P	LEONARD J. DAVIS	3 7
KULM	4843	LA MOURE	5	46 18	98 57	1970		6P	JOHN STROEHL	3
LANGDON EXP. FARM	4958	CAVALIER	9	48 45	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5
LANSFORD	5002	BOTTINEAU	12	48 38	101 22	1600		6P	LOUIS SCHAEFER	3
LARMORE	5013	GRAND FORKS	10	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
LEEDS	5078	BENSON	2	48 17	99 26	1515	7P	7P	JOHN FAGER	2 3 5
LEFOR 10 E	5088	STARK	4	46 38	102 21	2580		5P	JOSEPH LINK	3
LINTON	5210	EMMONS	8	46 16	100 14	1711	8P	8P	WILLIAM HEYERMAN	2 3 5
LISBON	5220	RANSOM	1	46 26	97 41	1151	6P	6P	ROBERT M. JODSAAS	2 3 5
LITCHVILLE	5230	BARNES	1	46 39	98 11	-		6P	WILLIAM H. RUGH	3
LOSTWOOD 12 N	5320	BURKE	2	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
MADDOCK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	6P	6P	BENSON CY AGR SCHL	2 3 5
MANDAN EXP. STATION	5479	MORTON	4	46 48	100 54	1750	8A	8A	NO. G.P. FIELD STA.	2 3 5 6 7
MANDAN FT.LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
MANNING	5519	DUNN	6	47 14	102 46	-		MID	DONALD JEFFERIES	3
MARMARTH	5573	SLOPE	7	46 18	103 55	2714	6P	6P	S. P. GRANE	2 3 5
MARMARTH M D U CO.	5575	SLOPE	7	46 18	103 55	2710		MID	E. B. JESTNES	3
MARTIN	5610	SHERIDAN	11	47 50	100 07	1610		6P	WM PUTZ	3
MAX	5638	MC LEAN	8	47 49	101 17	2093	7A	7A	SOO LINE AGENT	2 3 5
MAYVILLE	5660	TRAILL	10	47 30	97 19	975	6P	6P	M. A. RAGAZ	2 3 5 7
MC CLUSKY	5710	SHERIDAN	8	47 29	100 29	1943	6P	6P	ELMER L. SCHIELKE	2 3 5 7
MC HENRY 5 N	5730	EDDY	1	47 38	98 35	1509	7P	7P	C. E. BLASKY	2 3 5 7
MC LEOD 3 E	5754	RICHLAND	1	46 24	97 14	1075	7P	7P	J. G. CARLSON	2 3 5
MC VILLE	5764	NELSON	0	47 46	98 11	1467		6P	H. H. KNIEFEL	3
MEDINA 1 W	5798	STUTSMAN	8	46 53	99 19	-		6P	RUDOLPH GRAP	3
MEDORA	5803	BILLINGS	7	46 55	103 31	2270		MID	JAY J. EATON	3
MEDORA 4 NNE	5813	BILLINGS	7	46 58	103 30	2250	5P	5P	U.S. FOREST SERVICE	2 3 5 7
MEDORA 23 NNW	5818	BILLINGS	7	47 14	103 36	2123		7P	ARCHIE E. MC ADOO	3
MELVILLE	5833	FOSTER	5	47 20	99 02	1625		MID	EDGAR S. STEGMEIER	3
MINOT CAA AP	5988	WARD	12	48 15	101 17	1724	MID	MID	U.S. CIVIL AERO ADM	2 3 5
MINOT EXP FARM	5993	WARD	12	48 10	101 18	1720	6P	6P	N C AGRI EXP STA	2 3 5 7
MOFFIT 4 SE	6015	BURLEIGHT	8	46 40	100 14	1760		5P	U S FISH & W L SERV.	3
MOMALL	6025	RENVILLE	12	48 46	101 31	1639	9P	9P	IVER JOHNSON	2 3 5 7
MONTPELIER	6105	STUTSMAN	5	46 42	98 35	-		6P	ROLF HANSON	3 7
MOTT	6155	HETTINGER	1	46 23	102 20	2420	SS	SS	FORREST E. COFFING	2 3 5 7
MUNICH 4 SW	6195	CAVALIER	2	48 38	98 53	1598	7P	7P	HAROLD FELDNER	2 3 5 7

Station	Index No.	County	Drainage**	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
NAPOLEON 1 SE	6255	LOGAN	8	46 29	99 45	1955	7P	7P	LEADY [illegible]	2 3 5 7
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2621	6P	6P	ANTON H. INGER	2 3 5
NEW ROCKFORD 7 WNW	6355	EDDY	5	47 43	99 16	1550		6P	RICHARD STEINBACH	3
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2163	6P	6P	WILLIAM F. GALLE	2 3 5
NOONAN	6455	DIVIDE	12	48 53	103 01	1960		6P	GEORGE KRUSH	3
NORTHGATE	6535	BURKE	12	49 00	102 16	1850		MID	U S CU TOMS STATION	3
NORTONVILLE	6565	LA MOURE	5	46 33	98 44	-		6P	HENRY L. ERICKSON	3
OAKES	6620	DICKEY	5	46 08	98 05	1320	8A	8A	MRS. E CARRIE MURRAY	2 3 5
PARK RIVER	6857	WALSH	10	48 23	97 45	998	5P	5P	MARTIN SEVERSON	2 3 5
PARSHALL	6867	MOUNTRAIL	8	47 57	102 08	1929	6P	6P	C. E. SHUBLRT	2 3 5
PEMBINA 2 N	6947	PEMBINA	10	49 00	97 14	790	4P	4P	U S CUSTOMS & IMMIG.	2 3 5
PETERSBURG	7027	NELSON	10	48 1	98 00	1524	5P	5P	REV. ODEAN MONSON	2 3 5 7
PETTIBONE	7047	KIDDER	8	47 07	99 31	1860	7P	7P	L. H. DETHLOFF	2 3 5
PINGREE	7117	STUTSMAN	5	47 10	98 54	1572		6P	JERRY W. TANGNEY	3
PORTAL	7201	BURKE	12	49 00	102 33	1954	9A	9A	U S CUSTOMS SERVICE	2 3
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	7P	7P	HERBERT J. CLARK	2 3 5 7
PRETTY ROCK	7311	GRANT	1	46 11	101 51	-		6P	FREDA LEER	3
REEDER	7450	ADAMS	3	46 06	102 57	2810		6P	HENRY A. DONNER	3
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2860		8A	CHAS. M. METZINGER	3
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2467	5P	5P	ASSUMPTION ABBEY	2 3 5 7
RIVERDALE	7585	MC LEAN	8	47 30	101 21	1910	8A	8A	CORPS OF ENGINEERS	2 3 5 6 7
ROLLA	7664	ROLETTE	9	48 52	99 37	1060	7P	7P	THEO B. FAGERLUND	2 3 5 7
RUGBY	7704	PIERCE	12	48 22	100 00	1560	6P	6P	FRANK HORNSTEIN	2 3 5
RYDER	7749	WARD	8	47 55	101 40	2108		6P	S. C. SCHELLENBALM	3
SAN HAVEN	7824	ROLLETTE	12	48 50	100 02	2001	6P	6P	N.DAK. STATE HOSP.	2 3 5
SANISH	7834	MOUNTRAIL	8	47 59	102 32	1835	7A	7A	M. J. BUGGE	2 3 5
SCRANTON	7932	BOWMAN	3	46 09	103 09	2776		6P	DOLORES GRIMES	3
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	2183		7P	L. E. WILSON	3
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	-		7P	G. E. BURY	3
SHARON	7986	STEELE	10	47 36	97 54	1516	8P	8P	HUGH LYON	2 3 5 7
SHERWOOD 3 N	8047	RENVILLE	12	49 00	101 38	1647		6P	U S CUSTOMS SERVICE	3
SHEYENNE	8057	EDDY	11	47 50	99 07	1480		MID	ALVIN H. KENNEDY	3
SHIELDS	8065	GRANT	1	46 14	101 07	-		6P	EDWIN O. CARLSON	3
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	7P	7P	LEROY EDWARDS	2 3 5 7
STEELE	8366	KIDDER	8	46 51	99 55	1857	6P	6P	STEELE OZONE PRESS	2 3 5
SYKESTON	8608	WELLS	5	47 28	99 24	1634		4P	EDWARD SONDAG	3
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		6P	GEORGE N. PILGARD	3
TIOGA	8737	WILLIAMS	8	48 24	102 56	2279		6P	L. A. SIMON	3
TOLLEY 4 NE	8764	RENVILLE	12	48 46	101 47	-		6P	CARMIE NELSON	3
TOWNER	8792	MC HENRY	12	48 21	100 24	1482	7P	7P	AUGUST B. RIEDER	2 3 5
TROTTERS 6 WNW	8807	MC KENZIE	13	47 21	104 01	2420		5P	WALTER GRUNEWALD	3
TURTLE LAKE	8840	MC LEAN	8	47 31	100 53	1899	5P	5P	ART KLUNGTVEDT	2 3 5
TUTTLE	8850	KIDDER	8	47 08	100 00	1880		5P	THEODORE C. OCHSNER	3
UNDERWOOD	8877	MC LEAN	8	47 27	101 08	2026	7A	7A	CLARENCE W. JOHNSON	2 3 5
UPHAM 3 N	8913	MC HENRY	12	48 37	100 44	1425	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	6P	6P	MISS I.C. ROBERTSON	2 3 5 7
VAN HOOK	8970	MOUNTRAIL	8	47 57	102 21	1864	9P	9P	ERWIN A. VENTSCH	2 3 5
VELVA	8990	MC HENRY	12	48 03	100 55	1511	6P	6P	OSCAR ANDERSON	2 3 5
VERONA	9035	LA MOURE	5	46 22	98 05	1382		6P	WARREN O. TENG	3
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	5P	5P	ST SCH OF SCIENCE	2 3 5 7
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		6P	FELIX A. GASTONQUAY	3
WARWICK	9185	BENSON	11	47 51	98 42	-		6P	H. S. STINSON	3
WASHBURN	9195	MC LEAN	8	47 17	101 02	1731	6P	6P	FRED KRAUSE	2 3 5
WASHBURN WATER WORKS	9205	MC LEAN	8	47 17	101 02	1730		MID	WASHBURN WATER WKS	3
WATAUGA 8 N, S. DAK.	9219	GRANT	1	46 02	101 34	-		6P	JOHN C. SPICER	3
WATFORD CITY	9233	MC KENZIE*	8	47 48	103 17	2084	8P	8P	J. C. ZELLER	2 3 5
WATFORD CITY 11 E	9238	MC KENZIE	8	47 47	103 02	-		MID	IDA PETERSON	3
WATFORD CITY 20 SE	9246	MC KENZIE	8	47 35	103 07	-		6P	MRS. AGNES MURRAY	3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 01	1508	6P	6P	REV. R. CAREY	2 3 5 7
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		6P	JONATHAN WINKJER	3
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 35	1877	MID	MID	U S WEATHER BUREAU	2 3 5 7
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1471	8P	8P	O. M. SANDERSON	2 3 5 7
WILTON R R STATION	9455	MC LEAN	8	47 09	100 48	2159	8A	8A	SOO LINE AGENT	2 3 5
WISHEK	9515	MC INTOSH	8	46 16	99 34	2010	5P	5P	CARL EISSINGER	2 3 5
WOODWORTH 5 E	9575	STUTSMAN	5	47 09	99 12	-		6P	JOHN ROHRER	3
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		6P	OLA SEVERTSEN	3

NEW STATIONS

ENDERLIN	2695	RANSOM	11	46 38	97 36	2004	7A	7A	LEONARD PETERSON	2 3 5

DRAINAGE CODE: 1. CANNONBALL 2. DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED 11. SHEYENNE 12. SOURIS 13. YELLOWSTONE

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. Tbere will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 1830 CST.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for tbis station. have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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W.R.P.C., KANSAS CITY, MO., -- 8-13-52 -- 195-

CORRECTIONS

September 1951, Belfield, Table 2, lowest temperature should be 21 on the 27th.

05
NT

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

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CLIMATOLOGICAL DATA

NORTH DAKOTA

OCT 31 1952

JULY 1952
Volume LXI No. 7

NAT. HIST.

KANSAS CITY: 1952

NORTH DAKOTA - JULY 1952

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

July was a very favorable month in which the small grain and feed crops made record improvement in all sections of the state. Substantially better yields were developing than were expected early in the month considering the severe drouth conditions that had prevailed until near the end of June.

The mean temperature for the month was 67.8 degrees which is 1.8 degrees below normal. The eastern division averaged 69.0 degrees which is 0.4 degrees below normal; the middle division averaged 67.5 degrees which is 2.1 degrees below normal; and the western division averaged 66.9 degrees which is 3.0 degrees below normal. The warmest period of the month was from about the 24th to the 27th during which many stations reported temperatures above 100 degrees. The highest reported was 105 degrees at Fort Yates on the 24th and 25th. Another warm period was from the 4th to the 6th when a number of stations reported their highest temperatures for the month. The lowest temperatures for the month were reported around the 7th and 8th and again near the end of the month. Belcourt reported 34 degrees on the 30th for the lowest temperature in the state. The mean temperature ranged from 72.3 degrees at Ellendale to 62.9 degrees at Belcourt.

Precipitation for the state averaged 2.79 inches which is 0.32 inch above normal. The eastern division reported the greatest amount, averaging 3.97 inches which is 1.08 inches above normal; the middle division averaged 2.30 inches which is 0.19 inch below normal; and the western division averaged 2.08 inches which is 0.02 inch below normal. The extremely heavy rain which fell in east-central counties during the first few days of the month was largely responsible for bringing the state average above normal. In this area Hillsboro reported 12.29 inches of rain for the month for the greatest amount recorded in the state, and many stations reported more than 5 inches of rain for the month. Haley in Bowman County reported only 0.57 inch for the least precipitation.

At the beginning of the month soil moisture was abundant to adequate in all sections of the state. Very heavy rain in a few eastern counties in the first days of the month caused some damage to crops. In general soil moisture continued ample throughout the month except that topsoil moisture was becoming short in many sections at the close of the month. With such moisture conditions all crops made unusual and rapid development during the month, recovering to a much larger extent than expected from the severe drouth of spring and early summer. Many crops were rather thin. Moderately cool weather permitted small grains to fill well. Hot weather around the 24th caused some damage to crops in southern counties by hastening the ripening process. At the close of the month harvesting was well started in most southern counties and just getting started in a few scattered localities of the north. Black stem rust appeared during the month with the heaviest infestation reported from eastern and southeastern counties. It was reported as moderate to heavy in the eastern third of the state at the end of the month and doing greatest damage to the late Durum. Elsewhere in the state damage is mostly light ranging to none in the extreme northwest section of the state. Live stock, too, made rapid gains during the month and by August 1st were rated only slightly below normal for the season. Pastures supplied abundant feed. Hay crops also developed rapidly and feed supplies were considered to be adequate to winter a normal number of cattle. Some hay was being shipped into a few southwestern counties. Corn was developing well also but more rain was needed to carry this crop to maturity in many sections of the state. Potatoes, sugar beets, and soybeans were making good progress, and nearly two-thirds of the flax acreage was in the bloom stage or beyond. Oats and barley were about a third swathed or combined, hard wheat about thirteen percent and Durum about eight percent swathed or combined at the end of the month.

A considerable number of severe windstorms were reported during the month, several being tornadoes. One of the most severe was the one that struck about twelve miles southwest of Wing and moved northeastward to Tuttle in Burleigh and Kidder Counties. The tornado struck about 6 p.m. on the warm and extremely humid afternoon and evening of the 1st, killing a 70-year old man before he could reach shelter in the basement of his house and injuring two others. A Red Cross survey listed eight homes destroyed and more than 200 damaged; 175 other buildings destroyed and over 600 other buildings damaged in the two-county area. High winds extended the area of damage into Stutsman and Wells Counties. Other counties which reported high winds, which probably included small tornadoes and twister-like winds, were McKenzie County on the 1st, Richland County on the 2nd, Divide and Williams Counties on the 5th, Grand Forks County on the 9th, Golden Valley County on the 19th and Stutsman County on the 24th. All of these storms caused property and crop damage estimated around two million dollars. A considerable amount of hail damage also occurred throughout the state, which would add considerably to the crop losses. Up to the third week in July, the only counties which had not reported hail losses to the State Hail Insurance Department were LaMoure, Cass, Richland, Sargent, and Oliver.--CJS

SUPPLEMENTAL DATA

NORTH DAKOTA
JULY 1952

Station	Wind direction		Wind speed m.p.h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
arck WB Airport	WNW	12	10.8	56	NW	22	75	82	45	42	3	10	1	2	0	0	16	77	4.1
ls Lake WB City	-	-	8.2	35	NE	1	-	-	-	-	6	1	7	0	1	0	15	76	3.5
o WB Airport	SSE	13	12.6	60	SE	1	78	82	53	51	5	4	3	0	1	2	15	68	4.3
iston WB City	-	-	-	45	NW	5	70	80	44	44	4	7	4	0	1	0	16	82	5.0

COMPARATIVE DATA

l

	Temperature			Precipitation		
r	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
	68.7	108	31	3.23	0	8
	69.5	112	35	2.04	0	7
	71.7	107	38	0.63	0	3
	66.1	102	29	2.90	0	8
	67.5	107	31	1.51	0	6
	68.9	109	38	4.43	0	9
	67.6	106	28	2.49	0	7
	68.3	109	32	2.34	0	6
	67.9	107	33	2.25	0	6
	70.8	110	40	4.28	0	6
	67.6	106	34	2.15	0	5
	66.7	109	26	2.23	0	7
	64.4	102	34	2.13	0	6
	65.6	100	32	3.78	0	8
	66.9	102	34	1.56	0	11
	65.8	103	31	3.06	0	9
	68.6	103	31	1.91	0	6
	67.1	99	34	2.73	0	8
	70.0	114	33	1.60	0	5
	65.1	107	23	1.70	0	6
	66.0	106	30	3.66	0	10
	65.6	103	35	2.22	0	8

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1914	72.1	109	36	2.17	0	6
1915	62.3	97	30	3.13	0	11
1916	73.1	105	33	2.96	0	7
1917	70.9	114	27	1.54	0	7
1918	65.5	102	34	2.73	0	7
1919	71.2	105	37	1.86	0	5
1920	68.3	103	31	2.11	0	7
1921	71.4	110	35	3.07	0	7
1922	65.6	100	30	2.48	0	8
1923	71.2	103	35	3.05	0	8
1924	65.5	99	32	1.93	0	6
1925	66.7	106	29	1.35	0	6
1926	70.3	108	32	2.04	0	7
1927	65.4	97	28	2.84	0	9
1928	67.4	96	38	4.82	0	10
1929	70.6	109	34	1.27	0	5
1930	72.3	107	34	1.04	0	6
1931	70.6	111	37	3.03	0	8
1932	70.0	108	36	1.95	0	7
1933	71.9	109	36	2.00	0	7
1934	71.8	112	29	1.22	0	6
1935	73.8	110	45	4.41	0	10

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1936	79.9	121	38	0.70	0	4
1937	71.7	111	40	2.93	0	9
1938	69.7	104	39	3.34	0	9
1939	72.6	108	37	1.81	0	7
1940	71.6	107	37	3.70	0	11
1941	70.8	106	34	1.76	0	8
1942	67.1	97	36	2.43	0	7
1943	70.5	103	41	2.72	0	8
1944	67.6	102	33	1.74	0	6
1945	67.8	102	30	2.31	0	9
1946	70.6	110	34	2.17	0	7
1947	70.4	103	33	1.79	0	6
1948	69.3	108	34	4.04	0	10
1949	69.5	111	30	3.56	0	10
1950	66.1	100	36	1.92	T	10
1951	68.2	105	33	1.94	T	7
1952	67.8	105	34	2.79	T	9

ages for the period 1949 to date have been weighted according to area and are not comparable with unweigbted values published in this table for earlier years.

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail: Total	Max. Depth on Ground	Date	No. of Days: .01 or More	.50 or More	1.00
EASTERN DIVISION																							
Amenia	83.0	56.7	69.9	.0	95	27	44	30	7	6	0	0	0	5.58	2.89	2.63	2	.0	0		7	4	2
Arvilla State Park	82.3	54.2	68.3		94	27	39	30	25	5	0	0	0	5.65		1.76	20	.0	0		9	5	2
Baldhill Dam											0	0	0	5.03		1.42	2	.0	0		8	4	3
Carrington	81.7	53.0	67.4M	-2.0	92	28+	40	30			0	0	0	3.68	1.07	1.60	2	.0	0		8	2	2
Cavalier	83.6	54.8	69.2	.2	95	26	41	8	20	7	0	0	0	1.97	- .67	.68	2	.0	0		9	1	0
Cooperstown	82.2	55.6	68.9	- .7	95	27	43	30	18	7	0	0	0	6.26	3.67	2.70	2	T	0		8	4	2
Devils Lake WB City	80.2	55.4	67.8	.4	94	26	46	30	26	5	0	0	0	3.13	.56	1.25	1	.0	0		9	1	1
Edgeley Exp. Farm	83.7	55.0	69.4	- .5	100	25+	41	23		7	0	0	0	1.91	- .66	.49	20	.0	0		8	0	0
Edmore 1 W	80.9	50.9	65.9	-1.6	92	27	36	14	47	6	0	0	0	3.10	.26	1.19	2	.0	0		8	3	1
Ellendale	87.1	57.5	72.3	1.4	101	26	45	15+	5	12	0	0	0	.86	-1.79	.29	12	.0	0		9	0	0
Enderlin	82.7	53.2	68.0M		95	6	39	30		6	0	0	0	1.74		.61	20	.0	0		7	1	0
Fargo WB Airport R//	81.8	57.5	69.7	1.6	95	27	41	30	16	4	0	0	0	8.42	4.99	3.93	1	.0	0		10	3	3
Forman	85.4	57.3	71.4	1.3	96	26	45	30	3	8	0	0	0	2.08	- .80	.80	20	.0	0		4	3	0
Fullerton	85.3	56.6	71.0	.8	102	26	41	30	8	8	0	0	0	2.05	- .83	.82	12	.0	0		9	2	0
Gackle	83.9	55.5	69.7	- .3	100	24	45	30	13	8	0	0	0	2.92	.24	1.89	12	.0	0		3	2	1
Grafton State School	84.1	53.9	69.0	.2	95	4+	40	30	19	7	0	0	0	2.73	- .03	1.57	2	.0	0		6	2	1
Grand Forks CAA AP	82.0	54.9	68.5	.0	96	26+	43	30	23	6	0	0	0	7.06	4.28	1.83	1	T	0		10	7	2
Grand Forks University	82.5	56.7	69.6	1.1	94	27	43	30	11	3	0	0	0	7.89	5.11	2.35	2	.0	0		13	6	3
Grand Rapids 1 N	86.3	55.2	70.8		99	26+	39	30	12	10	0	0	0	1.55		.55	20	.0	0		6	1	0
Hankinson RR Sta.	84.1	58.5	71.3	- .1	96	27	47	30		4	0	0	0	3.91	1.04	2.04	20	.0	0		7	3	1
Hannah	79.3	52.4	65.9M	- .3	90	26	39	30	44	1	0	0	0	1.89	- .54	.45	20	.0	0		9	0	0
Hillsboro	81.8	57.2	69.5	-1.2	94	27	45	30+	14	4	0	0	0	12.29	9.65	5.05	20	T	0		11	4	3
Jamestown CAA AP	82.4	55.1	68.8	.8	98	26	41	30	20	7	0	0	0	2.91	.21	1.60	12	.0	0		8	2	1
Jamestown State Hospital	84.0	56.3	70.2	.6	100	26	43	30	14	9	0	0	0	3.13	.43	1.85	12	.0	0		6	2	1
Kensal Wildlife Refuge	83.1	53.5	68.3M		93	24+	39	30	19	6	0	0	0	5.57		2.74	2	.0	0		8	3	2
Langdon Exp. Farm	79.3	51.2	65.3	-1.0	90	27	37	30	58	1	0	0	0	3.31	.81	1.68	2	.0	0		9	2	1
Larimore	81.0	56.6	68.8M	.7					17		0	0	0	4.28	1.34	1.40	2	.0	0		9	4	1
Lisbon																							
Mayville	81.3	55.8	68.8	-1.4	93	26	43	31	19	3	0	0	0	5.00	2.29	1.79	2	.0	0		7	3	2
McHenry 5 N	79.6	53.2	66.4	-1.7	91	26+	42	30	40	3	0	0	0	3.67	.87	2.06	20	.0	0		8	2	1
McLeod 3 E	85.5	56.3	70.9	- .5	98	27	42	30	8	10	0	0	0	1.94	- .91	.60	20	.0	0		5	3	0
Munich 4 SW	79.8	50.9	65.4		91	27	39	30	47	1	0	0	0	2.93		1.32	2	.0	0		12	1	1
Oakes	82.7	57.0	69.9	-1.8	95	25+	43	8		6	0	0	0	1.89	- .96	.85	12	.0	0		8	1	0
Park River	83.1	56.0	69.6	1.1	95	27	44	30	11	7	0	0	0	3.05	.44	1.36	3	.0	0		10	2	1
Pembina 2 N	83.6	55.1	69.4	1.6	95	27	39	30	27	5	0	0	0	1.80	- .61	.59	2	.0	0		7	1	0
Petersburg	82.6	54.1	68.4		95	27	41	30	22	6	0	0	0	5.11	2.15	1.80	2	.0	0		11	3	2
Sharon	79.4	55.1	67.3	-3.5	91	27	44	30	32	3	0	0	0	6.57	3.88	2.10	2	T	0		8	5	3
Valley City	85.0	57.4	71.2	1.1	96	26+	42	30	11	9	0	0	0	3.65	.93	1.28	1	T	0		7	4	1
Wahpeton State School	85.6	58.1	71.9	1.0	94	26+	43	30	4	5	0	0	0	4.42	1.47	1.68	2	T	0		9	3	3
DIVISION			69.0	- .4										3.97	1.08			T					
MIDDLE DIVISION																							
Ashley	84.0	55.7	69.9	.2	104	24	42	23+	20	10	0	0	0	1.13	-1.53	.34	2+	.0	0		6	0	0
Belcourt Indian Res.	77.6	48.2	62.9		83	5+	34	30	91	0	0	0	0	2.77		.63	20	.0	0		13	2	
Bisbee	79.9	53.4	66.7	- .7	91	27	43	30	33	3	0	0	0	2.36	- .34	.68	16	.0	0		8	3	0
Bismarck WB City	82.5	57.3	69.9	- .6	98	25	47	14		6	0	0	0	1.78	- .50	.67	20	.0	0		12	2	0
Bismarck WB Airport	83.3	55.4	69.6	.2	101	24	44	14	14	7	0	0	0	1.64	- .60	.56	2	.0	0		13	2	0
Bottineau	77.0	51.5	64.3	-3.3	92	25	40	28+		1	0	0	0	2.04	- .35	.63	16	.0	0		14	2	0
Butte	79.2	53.4	66.3M	-3.7	92	6	42	30+		4	0	0	0	2.57	- .16	.85	2	T	0		9	3	0
Carson 2 SW	82.1	55.3	68.7	-2.1	100	25	45	7+		6	0	0	0	1.80	- .19	.80	20	T	0		12	1	0
Center	82.5	52.7	67.6	-3.4	96	24	38	14	23	6	0	0	0	1.98	- .44	.93	20	T	0		7	1	0
Drake	79.5	55.2	67.4	-4.2	92	27+	44	28		4	0	0	0	3.39	1.09	1.91	2	.0	0		10	1	1
Eckman	79.0	51.6	65.3	-2.7	96	6	37	30		4	0	0	0	2.03	- .33	.75	16	.0	0		8	1	0
Fessenden	82.3	53.6	68.0M	-1.4	95	25	42	14+	22	8	0	0	0	1.73	- .84	.65	20	.0	0		9	1	
Fort Yates	86.7	55.6	71.2	-1.5	105	24+	41	23	14	11	0	0	0	2.66	.58	1.20	12	T	0		8	2	
Foxholm 7 N	81.5	54.1	67.8	-1.9	94	5+	43	30	14	6	0	0	0	1.95	.02	.80	12	.0	0		10	1	0
Garrison	80.9	53.4	67.2	-2.0	96	5+	43	28	35	6	0	0	0	2.14	- .35	.57	1	T	0		9	1	0
Granville	80.5	53.3	66.9M	-1.8	93	26+	44	28+	26	5	0	0	0	1.20	-1.07	.41	20	.0	0		8	0	0
Hansboro	78.2	52.4	65.3M	-1.0	87	4+	42	28	49	0	0	0	0	3.12	.58	.98	16	.0	0		12	3	0
Leeds	82.7	52.9	67.8M		97	27			20	5	0	0	0	2.08		.75	2	.0	0		5	2	0
Linton	86.2	55.5	70.9	-1.8	104	24	42	30	10	9	0	0	0	1.90	- .23	1.04	12	.0	0		6	2	
Maddock Agr. School	81.4	53.4	67.4	-1.5	93	24+	40	30	26	6	0	0	0	4.53	1.84	2.30	2	.0	0		8	3	1
Mandan Exp. Station	81.6	55.4	68.5	-3.4	99	25	42	14		6	0	0	0	1.84	- .47	.68	20	.0	0		12	1	0
Mandan Fort Lincoln Park	85.4	55.7	70.6		102	24	45	14	7	7	0	0	0	1.71		.54	20	.0	0		8	2	0
Max	80.1	54.2	67.2	-4.2	95	6	45	23		5	0	0	0	4.17	1.63	1.51	2	T	0		10	3	1
McClusky	82.2	55.0	68.6M	-1.8	93	24	46	30	12	8	0	0	0	1.83	- .66	1.25	20	.0	0		7	1	1
Minot CAA AP	78.6	54.9	66.8	-2.0	93	5+	45	28	34	6	0	0	0	2.28	.23	.59	15	.0	0		12	1	0
Minot Exp. Farm	80.8	53.3	67.1M		93	5	41	28	29	6	0	0	0	1.73		.49	2	.0	0		10	0	0
Mohall	79.9	52.5	66.2	-1.3	94	5+	39	28	39	4	0	0	0	1.83	- .62	.65	12	T	0		11	1	0
Napoleon 1 SE	83.9	55.2	69.6	.2	101	24	43	30	13	8	0	0	0	2.65	.14	1.20	12	.0	0		8	2	
New Salem 1 S	82.9	54.0	68.5	-2.3	98	24	42	7	23	7	0	0	0	1.70	- .47	.54	20	.0	0		7	1	0
Pettibone	81.3	55.7	68.5	-1.0	96	24	44	30	20	5	0	0	0	6.08	3.34	4.78	2	T	0		7	2	
Riverdale	80.1	55.0	67.6		96	25	45	14		5	0	0	0	1.77		.74	20	.0	0		10	1	0
Rolla	77.7	53.0	65.4	-1.3	88	27+	44	30	52	0	0	0	0	3.26	.58	1.07	16	.0	0		14	2	
Rugby	81.6	55.2	68.4M		92	26+	42	30	16	6	0	0	0	2.52	- .16	1.05	2	.0	0		10	2	
San Haven	77.9	53.1	65.5	-1.5	88	31	43	28+	52	0	0	0	0	1.87	- .80	.49	20	T	0		11	0	0
Steele	83.6	53.7	68.7	-1.5	98	24	42	7+	21	7	0	0	0	2.25	- .57	.68	12	.0	0		9	3	

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

BLE 2 CONTINUED

Station	Temperature												Precipitation							
									Number of Days								Snow, Sleet, Hail			No. of Days
									Max.		Min.									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° And Above	32° And Below	0° And Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More
ner	81.1	51.7	66.4	-2.7	93	5	38	26	28	6	0	0	2.39	- .02	.84	2	T	0		4
tle Lake	80.3	53.9	67.1M	-2.1			46	30	17		0	0	2.80	.25	1.80	20	.0	0		9
erwood	81.1	54.1	67.6M	-4.3			45	28			0	0	1.91	- .49	1.00	20	T	0		7
am 3 N	83.3	50.8	67.1M		96	31	38	28	29	8	0	0	1.71		.58	16	.0	0		13
va	79.2	54.3	66.8	-3.2	91	5	44	30	31	2	0	0	2.75	.43	1.63	2	.0	0		8
hburn	84.8	53.0	68.9M	-2.3	96	5+	44	14	9	9	0	0	1.34	-1.28	.92	20	.0	0		8
thope	80.2	52.4	66.3	-1.6	96	5	39	28	45	5	0	0	2.29	- .03	.50	6	.0	0		9
low City	80.6	51.7	66.2	- .4	94	31	39	30	34	5	0	0	1.79	- .50	.43	6	.0	0		11
ton RR Station	73.9	54.2	66.6	-3.8	94	2	45	14+		4	0	0	2.01	- .30	.97	20	.0	0		11
hek		53.3					40	30			0	0	2.25	- .35	1.32	12	.0	0		8
DIVISION			67.5	-2.1									2.30	- .19			T			
WESTERN DIVISION																				
ont 7 SW	83.5	54.9	69.2		98	24	47	7+	13	7	0	0	2.26		.97	20	.0	0		9
don	82.2	53.3	67.8	-2.6	102	25	40	7		7	0	0	1.62	- .52	.48	20	1.0	0		12
ch	81.7	52.3	67.0	-2.9	99	6	43	7		6	0	0	1.72	- .08	.44	20		0		11
field	83.4	50.3	66.9M	-3.1	100	5	42	7	29	6	0	0	3.46	1.24	.96	19	T	0		15
bells	78.3	51.8	65.1	-2.4	95	6	37	28		2	0	0	1.24	- .99	.45	20	.0	0		11
bells 5 E	75.7	51.6	63.7		91	6	37	28		2	0	0	1.16		.34	16+	.0	0		10
man Court House	85.5	50.5	68.0	-2.9	104	24	39	7	38	12	0	0	.97	-1.11	.45	12	.0	0		6
sby	77.9	51.4	64.7	-3.2	94	4+	41	28	61	3	0	0	3.17	1.09	.75	10	T	0		11
kinson CAA AP	82.4	52.4	67.4	-1.6	102	24	45	7+	36	7	0	0	1.41	- .80	.50	19	.0	0		12
kinson Exp. Sta.	82.2	52.0	67.1	-1.9	101	25	41	8+		7	0	0	1.85	- .36	.74	20	.0	0		12
n Center	82.6	48.8	65.7M	-3.3	98	6	40	14+		6	0	0	2.33	.00	1.09	20	.0	0		9
owoods	83.8	52.4	68.1M	-1.8							0	0	.91	-1.50	.35	20	.0	0		6
ing	82.1	51.8	67.0	-3.8	97	4	40	28	33	6	0	0	1.70	- .35	.58	20	.0	0		8
nora	80.9	52.2	66.6M	- .8	95	5			34	1	0	0	2.37	.53	1.12	19	.0	0		10
tinger	84.3	54.6	69.5	-2.2	97	6	41	30	14	0	0	0	2.22	- .06	1.48	2	.0	0		5
mare	73.9	52.3	65.6	-3.7	96	6	40	28		2	0	0	1.43	- .87	.35	16	.0	0		10
twood 12 N	73.7	50.3	64.5		92	5+	40	30	73	4	0	0	1.37		.40	12	.0	0		11
marth	85.9	53.0	69.5M	-1.7	101	24			16		0	0	1.08	- .83	.65	19	.0	0		5
ora 4 NNE	85.8	51.5	68.7M		100	5	37	8	17		0	0	3.56		1.55	20		0		8
t	82.5	51.7	67.1	-4.5	101	24	41	8+	2	6	0	0	1.91	- .22	.60	19	.0	0		9
England	84.0	52.1	68.1	-2.4	102	24	41	8+	30	7	0	0	1.83	- .30	.75	19	T	0		9
shall	83.6	48.8	66.2	-3.4	98	5	38	30	70	9	0	0	2.20	- .02	.42	18	.0	0		12
tal	78.0	52.6	65.3M	-2.7	94	6	37	28		2	0	0	2.54	.27	.78	20	.0	0		11
ers Lake 1 N	79.0	50.0	64.5	-6.6	95	5	39	28		3	0	0	1.39	- .68	.39	10	.0	0		11
hardson Abbey	85.2	54.3	69.	-1.3	100	24	4	8	9	0	0	0	2.00	- .46	.70	20	T	0		12
sa	81.3	43.6	65.1	5.5	98		28	8		0	0	0	1.93	.09	.40	13	.0	0		12
nley	78.5	51.4	64.9		94	5	41	28	61	4	0	0	3.55	1.22	.55	19	.0	0		10
Sok	82.9	52.5	67.7		97	5+	43	28	33	10	0	0	1.85		.12	12	0	0		10
ford City	82.0	53.3	67.7	-3.1	99	5	43	28	21	6	0	0	5.49	2.49	3.30	1		0		8
lisson WB City	79.8	54.9	67.4	-1.5	94	4	47	7	27	5	0	0	2.11	.27	1.30	19	.0	0		12
DIVISION			66.9	-3.0									2.08	- .02			T			
STATE			67.8	-1.8									2.79	.32			T			

EVAPORATION AND WIND

6

Station		Day of month																												Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
lls 5E	EVAP	.14	.23	.23	.33	.37	.36	.29	.25	.32	.34	.17	.18	.18	.26	.26	.18	.14	.19	.20	.03	.14	.15	.17	.21	.22	.29	.29	.36	.27	.32	.25	7.32
	WIND	45	31	130	72	72	90	209	90	104	103	37	46	57	27	52	103	39	50	24	99	127	88	107	32	89	95	17	71	81	103	14	2304
s Lake WB City	EVAP	.22	.43	.23	.28	.31	.36	.25	.25	.26	.29	.34	.08	.22	.19	.22	.09	.28	.18	.32	.22	.23	.32	.20	.30	.40	.26	.40	.28	.39	.37	.35	8.52
	WIND	28	69	81	28	45	72	88	43	42	43	25	33	46	30	54	46	24	41	40	54	68	71	61	51	90	40	36	58	81	37	26	1551
nson Exp. Sta. [a]	EVAP	.22	.20	.18	.28	.20	.33	.34	.24	.30	.12	.48	.05	.06	.17	.40	.05	.37	.30	.22	.38	.14	.29	.32	.15	.34	.30	.32	.38	.23	.32	-	7.94B
	WIND	95	135	10	155	80	130	140	85	85	45	140	50	95	55	110	170	85	115	85	225	75	90	120	100	140	90	90	130	70	110	50	3155
ey Exp. Farm	EVAP	.42	.29	.23	.29	.33	.45	.35	.27	.22	.23	.19	.63	.19	.19	.18	.39	.27	.30	.32	.22	.28	.14	.58	.31	.42	.39	.41	.40	.35	.30	.34	9.88
	WIND	104	30	86	39	116	121	19	80	85	46	65	60	53	80	65	27	28	47	65	115	72	60	68	45	85	54	47	81	42	52	22	1959
n Exp. Sta. [a]	EVAP	.17	.18	.19	.15	.16	.28	.40	.21	.21	.24	.24	.11	.16	.17	.19	.21	.18	.24	.20	.28	.20	.24	.28	.17	.24	.29	.21	.40	.20	.33	.16	6.89
	WIND	89	156	118	46	49	119	168	99	82	92	97	62	88	61	81	144	58	113	67	158	134	117	138	64	173	104	59	169	63	150	38	3116
dale	EVAP	.14	.23	.09	.24	.45	.37	.34	.31	.36	.35	.33	.19	.12	.19	.35	.38	.31	.22	.20	.41	.30	.28	.27	.33	.43	.39	.39	.38	.43	.34	.28	9.40
	WIND	63	117	56	72	99	100	116	80	82	91	76	81	71	65	88	150	49	69	74	160	114	84	121	115	118	95	83	122	84	94	52	2841

[a] Pan 6 feet in diameter, 24 inches deep, in ground 20 inches.

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKO

JULY 19

Station		Total	Day of month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
ADAMS 7 S		2.94		1.20	.08				T		.33			.24			.46	.58				.68			.07		T						T
ALEXANDER		2.88	.38											.24						.17	.22	1.17	.07	.17								
ALMONT 7 SW		2.26		.18								T	.06	.04			T	.02	.01	.67		.97		.28			T				.03		
AMBROSE		3.93		.12				.70	.04			1.23		.30				.10		.15		.72	.52	.05								
AMENIA		5.58	.90	2.63									.52					.03	.16			1.30					.04					
AMIOON		1.62	.05	.22	.03								.02	.17	.16			.04	.10	.12	.05	.48		T		T					.18		
AMIOON	R	1.53	.15	.07										.31			.03	.01	.24		.52					.05					.15		
ANTLER	R	2.32					.37	.05	.10					.28		.05	.38	.64	.08		.35			.02									
ARVILLA STATE PARK		5.65	.17	1.60	.04				.16		.03			.70				.68			.51	1.76			T							
ASHLEY		1.13		.34								.07	.18	.17					.03			.34										
BALDHILL DAM		5.03	.40	1.42	.10									1.05	.85			.04				1.05					.12					
BALTA		3.16		1.72	.18													.40			.04	.73	.08		.01							
BANTRY		1.74		.16			.58											.50				.20	.30						T			T
BEACH		1.72			.07								.22	.23	.30			.01	.04	.12	.13	.44	.08	.08						T		
BEACH	R	1.96		.10									.24	.56					.24		.52	.23	.05	.02								
BELCOURT INDIAN RES		2.77		.38				.04	.10		.18			.02			.25	.62	.16	.07	.02	.63		.17								
BELCOURT INDIAN RES	R	2.93	.18	.24			.05		.12		.18			.02			.92	.15	.07		.14	.51		.18								
BELFIELD		3.46	.41	.26	.02		T		T				.16	.21	.03	T		.03	.29	.66	.96	.12	.06	.08			.05		T		.12		
BERTHOLD		2.82		.02					.08			.44		1.01			.20	.34	.04	.13	.15	.21		.20								
BEULAH		1.96			.24	.06		.50					.08					.13		.09		.78		.08								
BEULAH	R	2.00	.02	.26			.50						.07				.13	.01	.09		.75	.06	.07	.04								
BISBEE		2.36		.50					.02		.08							.68	T	.04	.30	.53		.21									T
BISMARCK WB CITY		1.78	T	.55	.04				T			.09	.01	.03				.09	.03	.17		.67	T	.06		.03				.01		
BISMARCK WB AIRPORT	R	1.64	T	.56								.08	.02	.01		T	.05	.05	.17	.08	.52	.01		.05		T	.03			.01		
BOTTINEAU		2.04		.04	.12			T	.10			T		.01	.02		.10	.63	.24	.04		.51	.02	.13	.04				T	.04		
BOWBELLS		1.24		.03		.02		.05	.09			.08		.13				.31		.03		.45	T	.03	.02							
BOWBELLS 5 E		1.16		.04				.01	.12			.11		.14				.34	T	.01		.34		.02	.03							
BOWMAN COURT HOUSE		.97	.03	.10									.05	.45	.08			T				.26										
BOWMAN 11 SE		1.99		.58									.26	.28	.11						.75	.01										
BOWMAN 30 NNW		2.10		.03										.40					.45	.59	.56	.07										
BREIEN	R	2.22		.96							.33			.15							.76									.02		
BUCHANAN	R	3.63	.15	.85										.94							.00	.03		.03		.54	.09					
BURT 16 N		1.94		.22										.18				.03	.13	.39		.83								.16		
BUTTE		2.57		.85	.56							.06						.60		.03		.30	.06	.06	.05							
CANDO	R	2.50	*	1.80			.05										.19	.03			.02	.13		.20								.0
CARRINGTON		3.68		1.60	.01									.08	.24	T		.49		.02		.10	.14		T		T					
CARSON	R	2.25		.42									.07	.07			.04	.03	.45		1.04	.01		.05						.07		
CARSON 2 S W		1.80		.26									.07	.10	.02			.04	.08	.28		.80	.01	.03	T		.03		T		.08		
CAVALIER		1.97		.68					.08		.18					.05		.42				.41		.08	.05				.02			
CENTER		1.98	.02	.18			.03												.43			.93		.19				T		.20		
COLGATE		6.81	.41	2.50										1.67				.37				1.86										
COLUMBUS		1.63		.12				.38	.05			.11		.06			.03	.07			.68	.08		.05								
COOPERSTOWN		6.26	.07	2.70										.80		T		.76	.05		.20	1.53					.15					
COURTENAY		7.08		4.75										.98			.17		.01			.92					.25					
CROSBY		3.17		.24				.37	.02			.75		.12			..	.10	T	.10	.70	.71		.04								
CROSBY	R	2.92		.23			.38				.75			.12					.10		1.04	.26		.04								
DEVILS LAKE W R CITY	R	3.13	1.25	.38				T	T		T			T		T	.43	.29	T		.40	.11		.10					.03			
DICKINSON CAA		1.41	.03	.33									.07	.06	T		.02	T	.23	T	.50	.01	.01	.04			.02			.09		
DICKINSON EXP STA		1.85	T	.18	.08								.10	.02	.15			.03	.01	.37	.05	.74	.08	.04	T		T			T		
DONNYBROOK		1.77						.12				T	.57			T	.23	.31	T	.10	.31	T		.13					T			
DRAKE		3.39	.04	1.91	.28							.05						.44		.03	.39	.13	.09	.03								
DUNN CENTER		2.33	T	.25	.10								.22	T	.20			.10		.15	.03	1.09		.19								
ECKMAN		2.03		T	T				.15			T	.22	.25				.75		.10		.33		.20	.03							
EDGELEY EXP FARM		1.91	.46	.45					.02			.02		.31	.06				T	.10		.49										
EDMORE 1 W		3.10		1.19	T						.20	.03	T	T				.88		T	T	.65		.05					.05			.0
ELBOWOODS		.91		.06										.20						.12	.03	.35	.15									
ELGIN 5 S		1.39		.12			T						.06	.19	T			.07	.15	.16		.45		.09			T				.10		
ELLENDALE		.86	.15	.01				.04	.02			.10	.06	.29	T				T	.08		.11					T					
ENDERLIN		1.74	.31	.12										.31	.01				T	.37		.61							.01	T		
EPPING		1.70	.02	.10										.33				.11	.09		.43	.56		.04								
ESMOND	R	3.36	1.32	.05													.64	.03			.78	.24		*	.20							*
FAIRFIELD 8 N		2.24											.31	.23				.09		.43	1.18											
FARGO WB AIRPORT	R//	8.42	3.93	2.32			T	.03	T		.20			.23				.04	.02	T	.12	1.51		T			.02			T		
FESSENDEN		1.73		.46	.12							T		.05				.32		.05	.02	.65		.04			.02					
FLASHER		1.81		.41									T	.12					.17	.20		.84		.07								
FLAXTON		1.86		.02				.25	.14			.10		T			.28	.09	.16	.01	.66	.10		.05								
FORBES 13 NW		1.37	.10	.26					T		.01	.10	.14	.46					T			.30					T					
FORMAN		2.08	.59	.56									T	.13					T	T		.80										
FORT YATES		2.66		.92							.15			1.20	.01				.05			.27					.01				.05		
FORT YATES	R	2.65		.94							.14		.04	1.18					.05		.25									.05		
FOXHOLM 7 N		1.95	T	.02					.08	T		.04	T	.80		T	.15	.38	T	.10	.10	.11	T	.17								
FRYBURG	R	2.72	.20	.12									.12	.18			.03	.03	.49	.10	1.23	.06	.05	.05						.06		
FULLERTON		2.05		.06				.01			T	.02	.04	.82			.30		.06	.18	.56											
GACKLE		2.92		.49										1.89							T	.54										
GARRISON		2.14	.57	.22			.19				.08	.01		T			.41	T	.15		.45	T	T	.86								
GLEN ULLIN 13 N		2.12		.15	.02			.04				.11	.05	.05				.09	.05	.42	.02	1.05		.07			T					
GOLDEN VALLEY 10S		1.92	T	.07			.01					.09	.08				.25		.02	.13	.12	1.00		.15								
GRACE CITY	R	2.52	.18	.25										.60			.36				1.04	.02										.0
GRAFTON STATE SCHOOL		2.73	T	1.57	.03				.16		.04	T		T				.38				.55							T			
GRAND FORKS CAA		7.06	1.83	.82	T			T	T		.87	.01		.70				.82	T		1.02	.94		.02		T	T		T			.7
GRAND FORKS UNIV		7.89	.70	2.35	.03			.02	T		1.15	.05		.70	T			.72	.02		.44	1.66			T		.03			T		
GRAND RAPIDS 1 N		1.55	.03	.33				T						.36						.25	.03	.55					T					
GRANVILLE		1.20	T	.32								.04					.10	.17	.02	.11	.03	.41	T						T			
GRASSY BUTTE	R	-	-	-	-	-	-	-	-	-	-	.19	.10	.42			.16	.03	.64	.02	1.80	.16	.10	.03								
GRASSY BUTTE 10N		3.70	.26	.05									.28	.85			T		.10	.44	.20	1.50										
GRENORA		2.37	.12	.16				.04	.03			.21		.24				.08		.06	1.42				.01							
HALEY	R	.57	.33										.19								.05											
HALLIDAY		1.66		.12			.05					T	.15	.04			.05		.17		.93			.15								
HALLIDAY	R	1.84	.03	.10			.06					.05	.10	.04			.05	.03	.17	.02	.91	.11	.05	.12								
HANKINSON R R STA		3.91	T	.41	.70							.03		.52	T	.16				.05	T	2.04										
HANNAH		1.89		.40				.21				.07						.40	.05	.04	T	.45	T	.17	.10					T		
HANSBORO		3.12		.67				.22	.05			.04		.02				.98		.06	.06	.60		.21						.01		
HARVEY 3 NE		3.01		1.15	.26			.01				.02		.01				.60		.03	T	.85		.07			.01					
HAYNES 6 NE	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HETTINGER		2.22		1.48									.30	.24	.07						T	.13										
HETTINGER 17 N	R	1.74	.13	.14									.15	.17				.03	.03		.81									.28		
HILLSBORO		12.29	.32	3.11				.19	T		.77	.07		1.88				.41	T		.02	5.05					.33			.14		
JAMESTOWN CAA		2.91	T	.59					T			T	.02	1.60		T		.02	T		.43	T				.05	.15					.0
JAMESTOWN STATE HOSP		3.13	.02	.67									.02	1.85				T				.46					.11					
KEENE 2 S		2.31	.27									.22		.41				T	.05	.19	.39	.39	.03	.28						.08		
KENMARE		1.43	T	.05				.16	.10	.01		.12		.25	.02			.35	T	T		.32		.05								
KENMARE	R	-		.05			.17		.12			.12	.05	.27			.35		.02		.30			.02								
KENSAL WILDLIFE REF		5.57		2.74										1.05				.42	.03		.08	.79		.27			.19					
KILLDEER 8 NW		2.20		.28									.20	.25				.11		.29	.15	.63		.29								
KULM		1.82	.46	.54								.04							.43		.35	T										
LANGDON EXP FARM		3.31	.17	1.68				.05	.04		.06							.38				.55		.23	.15							T
LANSFORD		1.87	T	T				T	.18			.06		.56		.03	.14	.28	.02	.06	.22	.03		.29								T
LARIMORE		4.28	.33	1.40	.06				.05		T	.02		.79				.50			.43	.70										
LEEDS		2.08		.75			T											.74				.32		.19	T							.0
LEFOR 10 E		1.76	T	.13									.03	.09				.06	T	.26	.76	.15		.07						.21	T	
LINTON		1.90		.71								.01	.01	1.04		T				.03		.10										
LISBON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LITCHVILLE		2.26	.07	.70					.01	T				.43				T	T		T	1.05					T		T			
LOSTWOOD 12 N		1.37		.08				.01	.08			.12		.40			.04	.12		.03	.36	.09	T	.04								
MADDOCK AGR SCHOOL		4.53	T	2.30	.14			T			T							.98		.03		.83		.18	.04		T			.03		
MANDAN EXP STATION		1.84		.41	.03			T				.11	.02	.05	T			.06	T	.27		.68	.01	.18			.01				.01		
MANDAN FT LINCOLN PARK		1.71		.53								.15	.02	.01				.07	T	.35		.54		.04			T				T		
MANNING	R	2.05	.29	.05			.06					*	.14	.15			.08	.01	.29		.76	.04	.07	.10								

See reference notes following Station Index.

DAILY PRECIPITATION

ble 3—Continued

Station		Total	Day of month																											
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ARTH		1.08		.16			T	T					T	.08	.09			.15	.10		.65							T				
ARTH M O U LO	R	1.09	.04	.06									.02	.08	.07			.15	.03	.07	.56											
IN		4.10	2.14	.30														.70				.65	.20	T		T					T	
		4.17	.02	1.51	.10			.05				.42						.67		.16	T	.76	.07	.21								
ILLE		5.00	.11	1.79				T	T		.07			1.39				.84			T	T					.43			.17		
LUSKY		1.83	.02	.15								.07						.16		.02		1.25		.16								
ENRY 5 N		3.67		.38	.04							.02		.70		.04		.41			T	2.06		.02	T							
EOD 3 E		1.94	.26	.51					T										.02	.55	T	.60										
ILLE		3.33		.33	.05									.80		.02		.30			.11	1.72										
NA 1 W		3.92		.09									.03	1.20					.08		.20			.21			.11					
RA	R	-	-	.09								.02	.10	.37					.41	.20	*	2.55	.25	.05					.01	.01		
RA 4 NNE		3.56		.37									.04	.39			T		T	.93	.04	1.55		.16						.08		
RA 29 NNW		2.13				T						.12	.30	T				.10		.57	.07	.87			.10							
ILLE	R	5.57	2.24	.41										1.00			.40	.22			1.07	.04		.04							.15	
T CAA		2.28	.23	.37			.25	T	.01		.05	.01		.08		T	.59	T	.20		.31	T	.04	.14				T				
T EXP FARM		1.73		.49				.02				.19		.05			.09	.28	T	.21	.05	.19	T	.16	T							
IT 4 SE		2.76	.01	.77	.18							.01		.73	.05	.01	.01	.06	.03	.13		.62		.04								
LL		1.83		.04				.19	.12			.03		.65		T	.16	.23		T	.18	.07	.03	.13			.11					
PELLIER		4.37	1.39	1.00								T	T	1.26				.06	.01		T	.65					T					
		1.91	.05	.11							T	T		.41	.02			.07	.59		.60			.02					.04			
CH 4 SW		2.93		1.32					.11		.05	.32			T	.05		.22	.12	.01	.10	.32		.15								
LEON 1 SE		2.65		1.10	.02							.03	T	1.20		.05				.15		.08		.02								
LEON 1 SE	R	2.67	.19	1.00								.03		1.16		.04			.13		.08			.04								
ENGLAND		1.83	.09	.23									.07	.21	.09			.05	.24		.75	.10					T					
ROCKFORD 7 WNW		1.83	T	.63	.13			T						.32								.74		.01								
SALEM 1 S		1.70		.16								.07	.04					.14		.45		.54		.30								
AN		2.53		.21				.54	.04			.24		.05			.06	.08	.03		1.02	.16		.10								
HGATE	R	-				-	-	-	-	-	-	-	-	-			.48				.73	.10										
ONVILLE		2.92	1.05	.73										.85						.04		.25										
S		1.89	.24	.13	T			.09	.03			T		.85	.02	T			T	.08		.45	T									
RIVER		3.05		.30	1.36	.05			.05		.09			T		.05		.38				.70			.04		.03		T			
HALL		2.20		.06				.01	T			.25	T	.37			.10	.25	.16	.42	.12	.28	.02	.16								
INA 2 N		1.80		.59	.12			T			.01							.41	T		T	.38		.24					.03			
RSBURG		5.11	.36	1.80	.04							.15		.65			.07	.41			.02	1.50			.08							
IBONE		6.08		4.78										.53				.26	.03	.02		.38		.08								
IRONE	R	5.99	3.82	.82										.62			.16	.12	.02		.35			.08								
REE		5.84		4.00								.05		1.00		T		.10	T			.31		.07	T		.31					
AL		2.34		.26								.12		.10				.21	.03	.02		.78	.02		.11							
RS LAKE 1 N		1.59	.01	.12			.01		T			.39		.20			.03	.12	T	.04	.36	.16	T	.05								
TY ROCK		2.26	.02	1.19			.02	T			T			.41	.03		T	.21		.10	.02	.26			T			T		T	T	
ER		1.10												.10	.40				.10		.50											
ER 14 N		1.26	.01	.10	.15									.15	.08			.02	.06		.05	.59							.05			
ARDTON ABBEY		2.00	.01	.10				.13					.07	.11				.12	.03	.57	.05	.70		.09			.02			T			
ARDTON ABBEY	R	1.96	.02	.10			.14					.01	.06	.12			.09	.03	.61		.71		.03	.02			.02						
ROALE		1.77	.01	.20	.06			.11				.14			T			.14		.13		.74	.15	.09	T		T						
A		3.26		.28				.16	.05		.09			.01			.25	1.07	.05	.06	.01	.75		.15						.01		.32	
Y		2.52		1.05	.12			T										.41		.02	.07	.54	.09	.17	.03							.02	
R		2.42		.99								.29		.04				.50		.24	.04	.22		.10								
R	R	2.37	.75	.25							.23	.07		.03	.02		.50		.22		.20		.01	.09								
HAVEN		1.87		.09	.03		T		.07									.45	.43	.06	.06	.49		.16	.02					.01			
SM		1.93		.02	.11							.07	T	.30	.40			.26	T	.11	.08	.38	.01	.16	.03								
NTON		-	.02	.48										-	-			T	T		.57											
RIDGE 11 W		1.17										.05	.50						T		.52						.06		.04			
INNEL BUTTE 20 S		1.32		.08									.09	.35	.05					.39	.10			.22					.04	T			
ON		6.57	1.50	2.10	.05									1.00				.60			.35	.90							.07			
WOOD 3 N		1.12	T	.04				.05	.11			T		.11			.25	.15	.04		.24	.05	.03	.05								
ENNE	R	2.77	1.08	.52										.17			.05	.21			.56	.09		.02								
OS		2.40		1.35									.05	.24								.70										
LEY		3.35	.40	.35	.08							.31		.49			.48	T		.25	.55	.24		.20						.06		
LEY	R	-	-	.34					.08		.22	.03		.45			.47	.02	.23		.53		.10	.10								
LE		2.25	T	.55	.10							T	T	.68				.05	.04	.03	T	.60		.10			.10					
STON		3.34		1.69	.02									.25				.51				.80	.02	.02								
S		2.17	T					T	.04			.16		.78		T	.22	.34	.02	T	.23	.11		.27							.03	
A		1.27		.03								.18		.23			.23			.50			T	.10								
EY 5 NNE		2.41		.05				.97	.15			.08		.22			.30	.22	.01		.24	.08		.09								
ER		2.39		.84														.82				.50		.23								
TERS 6 WNW		2.81		.04			T						.16	.68			*	.17	.18		1.28	.07	.10	.08	T							
LE LAKE		2.80	.32	.20				.03				.20					T	.12		.07		1.80	.01	.05					.05			
LE		3.14		1.51								.04	.01	.34				.28		.08		.75		.13								
RWOOD		1.91		.14								.08						.31		.12		1.00	.21	.05								
M 3 N		1.71		.20	.03			.04	.08	.01				.05				.58		.12	.13	.22	.11	.07	.07							
EY CITY		3.65	1.28	.58									T	.90				.04	.02		.11	.78									
HOOK		1.86		.06					T			.07		.42			.04	.27	.02	.34	.11	.34	T	.19			.05					
A		2.75	T	1.63				.03				.11				T	T	.17		.12	.04	.45		.20								
NA		1.25		.29							T			.49						T	T	.47						T				
ETON STATE SCHOOL		4.42		1.68	.10			T				.18		.07	T	.05			.02	.51	.23	1.58										
ALLA		2.10	.09	.80				T			.24	.04						.16	.06		.15	.41		.11	.04							
ICK		2.26	.50	.93												.08						.75										
BURN		1.34	T	.02								.02	.01					.13	T	.06	.01	.92		.17								
BURN WATER WKS	R	2.38		.13			.03										.15	.01	.05		1.77	.07		.15			.02					
UGA 8 N S OAK		2.37		1.05									.12	.47	T							.73			T							
ORO CITY		5.49	3.30											.58			.28					.66										
ORO CITY 11 E	R	-	.93	.06							.06			.66			.26	.04	.34	.04	.66			.25								
ORO CITY 20 SE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.98		.10	.15								
HOPE		2.29		.08				.50	.15					.46			.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROSE		2.37	T	.07				.08	.02			.05		.04			.26	.25			.19	.15		.09								
ISTON WB CITY	R/	2.16	.04	.11			.01	T	T		.04	T	.06	.13			.05	.15		.11	.94	.56		.09								
OW CITY		1.79	.03	.15				.43	.03					T		T	.38	.03	.19		1.30		.02	T					.18			
ON RR STATION		2.01	.01	.22	.08							.02	.11					.17	.02	.12	.03	.29		.14							T	
EK		2.25	.10	.33								.06	.05	1.32				.13		.11		.97	.14	.20			.02					
																			T	.28		.08					.03	T				
NORTH 5 E		4.97		3.40										.92		T		.21	T			.27		.17								
		2.15		.32				.35	T		.09	T		.07			T	.10	T	.09	.56	T	.57	T								

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	84	78	84	93	96	74	73	87	92	82	77	72	70	79	87	85	86	80	84	76	84	73	80	98	84	94	96	81	80	85	93	83.
	MIN	56	58	52	59	64	59	47	50	57	55	55	57	53	49	51	53	59	52	54	53	54	53	47	59	59	60	66	47	56	49	54	54.
AYENIA	MAX	85	79	80	87	90	82	73	85	90	85	70	75	80	81	80	87	83	85	82	80	85	78	82	90	84	92	95	78	81	79	90	83.
	MIN	65	62	58	55	67	55	55	48	59	57	56	56	57	58	49	62	59	60	57	61	59	62	51	53	67	56	63	54	47	44	46	56.
AMIDON	MAX	82	85	70	85	92	101	70	70	83	93	82	74	66	70	75	88	87	84	77	87	74	78	70	91	102	83	92	94	79	76	87	82.
	MIN	51	53	51	61	62	52	40	56	59	53	57	57	52	45	53	51	55	49	57	50	52	52	48	54	53	56	70	47	55	48	53	53.
ARVILLA STATE PARK	MAX	98	79	78	92	91	87	71	84	86	80	76	72	72	79	79	83	86	82	79	77	84	80	82	88	87	91	94	79	76	78	91	82.
	MIN	58	66	54	51	66	67	55	45	50	56	55	51	53	40	52	50	57	57	52	62	59	60	50	53	65	58	54	46	44	39	45	54.
ASHLEY	MAX	88	79	80	91	90	80	71	84	91	83	73	70	67	76	84	87	90	81	83	80	91	81	82	104	93	98	96	76	81	83	92	84.
	MIN	63	62	50	57	68	70	50	47	51	58	58	56	55	45	51	60	56	58	58	59	57	59	42	58	65	55	67	52	53	42	50	55.
BALDHILL DAM	MAX	96	86	84	84		94	76	74		96	84	80	80	74	88	82	90	88	90	78	80	94	76	96	90	102	96	84	80	94	86.
	MIN	66	62	54	54	64	72	54	44	52	62	60	56	56	46	52	62	58		54	58	56	60	46	58	64	56	60	52	48	40	50	55.
BEACH	MAX	84	88	73	85	97	99	71	73	85	93	81	69	67	71	76	89	85	83	76	85	72	78	69	85	96	83	91	90	77	77	86	81.
	MIN	51	57	49	52	65	54	43	47	54	54	56	56	53	46	52	49	56	49	56	53	54	52	46	54	54	52	63	46	53	45	51	52.
BELCOURT INDIAN RES	MAX	81	78	78	86	88	88	69	79	84	75	72	77	67	75	78	75	79	77	75	70	73	68	75	85	82	86	86	68	70	76	85	77.
	MIN	47	46	44	54	51	52	48	45	52	52	50	51	50	37	46	53	52	53	46	56	50	53	46	52	53	50	50	40	42	34	40	48.
BELFIELD	MAX	85	79	85	95	100	83	73	88	93	83	75	68	72	78	83	87	84	78	83	72	81	73	83	98	86	88	90	87	77	86	92	83.
	MIN	46	55				55	42	56	52	52	53	54	53	43	46	48	52	53	52	52	53	53	45	57	53	46	53	43	48	44	50	50.
BISBEE	MAX	85	76	78	89	90	88	70	81	88	79	75	73	69	79	82	78	80	79	75	73	71	70	78	89	84	89	91	77	73	77	90	79.
	MIN	57	56	52	54	59	62	51	49	58	57	53	51	53	45	48	57	54	56	55	58	55	56	46	53	57	55	59	46	50	43	50	53.
BISMARCK WB CITY	MAX	85	85	78	83	92	93	81	72	86	90	80	74	73	71	79	84	84	83	82	82	74	86	73	81	98	85	95	95	73	78	83	82.
	MIN	59	62	54	60	60	65	50	53	58	61	61	60	56	47	54	58	60	57	57	60	56	58	48	63	65	54	68	53	57	49	52	57.
BISMARCK WB AIRPORT	MAX	87	75	84	94	96	78	73	88	93	81	75	76	72	79	87	84	84	81	82	74	86	76	82	101	86	97	98	73	80	83	93	83.
	MIN	57	55	52	57	68	61	49	49	55	58	59	58	51	44	53	56	62	57	57	59	55	55	46	62	62	52	65	51	54	46	51	55.
BOTTINEAU	MAX	76	80	72	77	87	89	70	70	80	85	77	75	72	71	78	79	73	78	78	66	68	72	69	76	92	81	88	89	70	73	77	77.
	MIN	50	56	48	53	65	60	49	46	54	53	53	55	47	43	48	53	49	53	53	58	48	54	44	57	51	58	59	40	48	40	50	51.
BOWBELL	MAX	83	83	72	80	93	95	67	73	81	86	72	73	72	71	79	84	77	79	76	66	69	73	67	80	88	81	88	88	75	73	82	78.
	MIN	49	55	51	55	69	53	47	53	55	54	53	57	48	45	55	49	51	48	53	57	49	51	45	59	56	53	58	37	50	41	51	51.
BOWBELLS 1E	MAX	79	80	71	77	90	91	67	70	78	83	71	72	70	70	76	91	75	77	74	62	68	70	66	76	87	77	83	83	73	72	79	75.
	MIN	47	56	51	55	68	53	46	52	57	54	5	56	42	45	53	49	0	49	54	57	49	52	51	47	56	52	58	37	52	41	51	51.
[illegible]	MAX	84	84	[illegible]	92	98	97	71	84	94	91	[illegible]	64	68	[illegible]	[illegible]	88	88	84	80	76	81	79	85	104	94	94	94	81	79	92	95	85.
	MIN	52	51	46	5	[illegible]	53	30	42	49	53	5	54	50	[illegible]	47	[illegible]	[illegible]	6	47	57	47	47	52	42	58	55	55	56	45	50	47	55	50.
[illegible]	MAX	[illegible]	80	[illegible]	85	[illegible]	97	77	79	79	86	79	74	73	[illegible]	77	81	[illegible]	80	77	78	73	77	68	77	91	81	89	91	71	74	79	79.
	MIN	[illegible]	56	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51	60	[illegible]	56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57	54	55	47	49	60	56	58	43	44	42	42	53.
[illegible]	MAX	[illegible]	[illegible]	[illegible]	73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73	[illegible]	83	72	78	84	82	84	92	88	80	92	81
	MIN	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54	53	46	47	0	59	60	50	50	40	48	53.
[illegible]	MAX	[illegible]	[illegible]	78	73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84	85	81	00	86	95	96	75	79	86	[illegible]
	MIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	26	45	59	57	58	68	49	56	50	55	[illegible]
[illegible]	MAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

DAILY TEMPERATURES

ble 5 Continued

Station		Day Of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	31	31	
CHENM * N	MAX	[illegible]	81	[illegible]	[illegible]	94	86	71	[illegible]	85	85	76	73	72	78	80	6	1	79	76	[illegible]	75	74	79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MIN	[illegible]	57	[illegible]	[illegible]	68	58	51	57	57	59	54	58	52	45	53	55	[illegible]	59	55	57	[illegible]	5	[illegible]	57	60	1	54	4	5	43	4	[illegible]
LLERTON	MAX	90	79	83	93	94	85	74	78	93	88	78	70	71	78	84	88	89	86	84	78	80	76	84	99	87	02	90	78	83	[illegible]	97	85.[illegible]
	MIN	66	64	53	56	61	65	54	48	56	56	59	57	59	47	48	63	59	61	57	60	55	6	46	55	68	56	6	57	47	41	51	56.6
CALE	MAX	85	83	85	95	92	89	71	80	90	89	81	72	70	72	82	82	85	82	80	75	85	80	80	00	98	95	9	89	79	80	90	83.9
	MIN	61	61	51	56	66	66	51	49	49	54	61	55	56	52	52	62	59	56	52	57	54	56	47	57	65	54	67	50	53	45	54	55.[illegible]
RRISON	MAX	87	69	80	92	96	71	72	81	88	78	73	73	71	79	86	82	80	78	80	72	80	69	87	96	84	92	94	75	75	84	93	80.9
	MIN	53	53	54	58	64	53	48	52	58	58	55	53	51	45	54	53	55	53	58	57	52	50	46	57	55	56	58	43	55	44	54	53.4
AFTON STATE SCHOOL	MAX	90	86	80	95	92	90	73	85	81	81	80	72	74	76	82	84	87	85	84	82	84	83	83	89	89	94	95	83	78	78	92	84.1
	MIN	59	59	51	61	64	64	56	46	53	55	55	50	53	41	49	58	62	58	52	61	58	56	46	52	65	55	58	48	48	40	46	53.9
ANO FORKS CAA	MAX	90	75	78	90	91	83	72	84	85	81	74	69	70	78	81	84	86	84	83	79	85	77	81	88	83	96	96	72	77	78	91	82.0
	MIN	61	59	56	54	65	56	51	49	53	60	57	55	51	46	51	60	57	58	54	62	58	53	48	56	67	59	59	48	50	43	51	54.9
AND FORKS UNIVERSITY	MAX	87	80	80	88	91	88	72	84	82	82	78	73	81	80	81	82	82	84	82	82	84	78	81	87	84	91	94	77	78	76	89	82.5
	MIN	64	60	59	56	62	69	54	49	58	57	56	56	60	46	48	61	58	59	62	65	58	61	48	56	67	58	60	48	52	43	47	56.7
AND RAPIDS 1N	MAX	88	88	87	94	93	90	73	85	92	90	82	74	72	78	82	89	88	84	81	80	89	83	82	98	95	99	99	88	87	82	93	86.3
	MIN	64	62	53	51	63	66	53	45	51	56	56	55	55	43	48	62	59	58	57	60	56	62	46	56	67	54	65	56	47	39	46	55.3
ANVILLE	MAX	[illegible]	78	80	88	91	85	71	87	87	78	74	74	71	78	80	77	80	78	78	72	72	72	78	90	83	93	93	78	76	80	93	80.5
	MIN	5	58	[illegible]	[illegible]	[illegible]	60	58			57	52	58	50	45	51	54	53	54	55	60	56	51	47	58	57	55	56	44	55	44	51	53.3
ENORA	MAX	81	75	80	[illegible]	[illegible]	[illegible]	74	83	88	84	78	76	74	81	83	78	78	79	78	76	70	68	79	83	81	85	87	76	78	86	93	80.9
	MIN	48	55	[illegible]	58	[illegible]	[illegible]	2	47	56	54	4	[illegible]	4	39	59	48	[illegible]	[illegible]	52	5	61			63	55	54	50	41	55		60	52.2
[illegible]KINSON R R STATION	MAX	[illegible]	[illegible]	8	[illegible]	[illegible]	[illegible]	4	75	86	86	[illegible]	[illegible]	[illegible]	70	77	80	[illegible]	6	85	82	84	87	84	82	90	80	96	93	78	[illegible]	81	84.1
	MIN	[illegible]	64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52	59	60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51	[illegible]	[illegible]	[illegible]	61	64	64	51	55	63	68	68	58	49	47	50	58.1
NNAH	MAX																				73		5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	8	[illegible]
	MIN	[illegible]	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54	[illegible]	2	56	[illegible]	55	57	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9	[illegible]	[illegible]
N ORA	MAX	[illegible]	[illegible]	6	[illegible]	[illegible]	[illegible]	[illegible]	79	84	[illegible]	[illegible]	[illegible]	69	76	78	[illegible]		[illegible]	72	73		75	77	85	[illegible]	81	87	76	71	76	[illegible]	[illegible]	57.2
	MIN	[illegible]	5	55		[illegible]	[illegible]	[illegible]	51	56	55	[illegible]	50	[illegible]	46	51	55		[illegible]	52	[illegible]		[illegible]	4	41	[illegible]	57	57	42	48	41	5	57.4
TTINGER	MAX	[illegible]	71	66	[illegible]	[illegible]	84	[illegible]	85	93	[illegible]	[illegible]	[illegible]	76	74	84	85	86	[illegible]	[illegible]	[illegible]	85	[illegible]	94	96	[illegible]	94	95	82	79	90	[illegible]	84.3
	MIN	[illegible]	5	[illegible]	61	[illegible]	57	[illegible]	46	57	[illegible]	[illegible]	4	[illegible]	47	58	53	[illegible]	5	[illegible]	[illegible]	52	53	56	45	61	[illegible]	57	70	48	56	41	[illegible]	54.6
LLSBORO	MAX	85	80	80	88	90	88	72	[illegible]	85	81	[illegible]	[illegible]	[illegible]	75	80	80	[illegible]	84	83	80	85	78	79	[illegible]	[illegible]	92	94	79	78	77	[illegible]	81.8
	MIN	66	62	60	56	64	66	[illegible]	48	59	61	[illegible]	[illegible]	[illegible]	55	47	60	[illegible]	61	61	64	61	60	48	60	[illegible]	64	[illegible]	49	50	45	45	57.2
ESTOWN CAA	MAX	83	[illegible]	[illegible]	[illegible]	92	79	73	85	[illegible]	83	[illegible]	[illegible]	72	76	81	81	83	83	79	75	87	75	80	[illegible]	[illegible]	98	[illegible]	73	79	81	92	82.4
	MIN	60	57	56	[illegible]	[illegible]	60	51	[illegible]	[illegible]	60	[illegible]		[illegible]	45	50	60	57	56	54	61	57	54	48	[illegible]	[illegible]	[illegible]	63	51	50	41	50	55.1
ESTOWN STATE HOSP	MAX	84	[illegible]	[illegible]	94	94	90	72	[illegible]	91	[illegible]	[illegible]	[illegible]	[illegible]	75	82	80	84	82	80	76	[illegible]	84	82	99	[illegible]	100	[illegible]	80	[illegible]	80	92	84.0
	MIN	64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	46	51	62	[illegible]	[illegible]	56	61	[illegible]	[illegible]	48	[illegible]	[illegible]	52	64	52	53	43	49	56.3
MMARE	MAX	80	84	[illegible]	80	[illegible]	[illegible]	69	72	81	[illegible]	74	[illegible]	72	72	79	83	77	83	78	65	71	74	67	[illegible]	[illegible]	80	89	89	76	74	83	78.9
	MIN	51	56	[illegible]	60	66	53	47	50	58	[illegible]	51	6	45	48	56	52	53	51	54	56	50	51	46	56	57	56	60	40	46	42	48	52.3
NSAL WILDLIFE REFUGE	MAX	88	80	80	91	89	75	73	84	88	[illegible]	[illegible]	74			80	83	84	82	80	76	85	82	80	93	92	92	93	76	7[illegible]	81	91	83.1
	MIN	52	60	54	[illegible]	63	57	49	49	54	60	57	55			49	57	55	56	52	59	3	55	46	53	63	56	56	44	4[illegible]	39	47	53.5
RGOON EXP FARM	MAX	85	78	76	87	88	84	69	78	84	78	71	71	70	78	78	80	81	78	[illegible]	74	76	74	77	88	87	89	90	77	73	75	87	79.3
	MIN	57	57	53	53	64	56	51	46	51	52	48	50	47	41	45	57	52	54	50	58	56	56	44	55	58	52	54	39	47	37	48	51.2
RIMORE	MAX	85	77	78	88	91	88	72	85	86	81	78	71	71	74	80	81	84	83	81	77	83	80	79	89	84							81.0
	MIN	60	61	56	53	67	68	54	47	56	57	56	54	53	43	50	60	58	57	58	61	58	60	49	53	65							56.6
ROS	MAX	83	78	79	92	91	87	71	83	84	88	78	75	75	82	83	81	82	82	82	75	80	77	81	92	83	87	97		78	82	93	82.7
	MIN	52	55	52	56	68	60	50	51	52	55	56	54	52	42	54	56	56	52	52	50	53	55	47	56	58	56	57		43	39	47	52.9
RTON	MAX	88	87	83	93	93	86	72	87	92	88	80	73	70	78	85	85	89	81	87	80	90	78	83	104	95	99	100	89	80	85	93	86.2
	MIN	56	61	48	60	69	66	51	45	50	62	59	59	57	45	51	51	62	59	60	59	52	60	43	56	68	49	60	52	55	42	54	55.5
BRON	MAX																																
	MIN																																
STWOOD 12N	MAX	82	78	78	90	92	90	70	79	85	83	73	68	67	77	80	76	79	75	73	67	71	67	77	88	83	85	88	73	73	80	92	78.[illegible]
	MIN	47	54	47	53	63	50	45	49	54	53	50	54	44	43	53	50	49	48	52	55	42	49	44	58	54	52	55	49	53	40	49	50.3
DOCK AGR SCHOOL	MAX	82	76	78	90	91	89	72	81	88	84	76	73	72	79	83	81	81	79	77	71	79	73	79	93	89	93	92	76	76	79	90	81.4
	MIN	53	59	55	54	62	62	50	51	56	57	52	53	51	42	50	57	56	55	54	58	54	56	48	56	60	57	55	43	51	40	48	53.4
DOAN EXP STATION	MAX	87	85	73	82	92	94	72	71	86	90	78	73	72	70	78	86	82	83	80	81	74	83	72	81	99	83	94	95	73	78	82	81.6
	MIN	56	61	52	57	65	64	48	50	54	58	58	59	56	42	53	55	60	56	57	57	54	57	49	60	62	52	64	51	53	46	51	55.4
DOAN FT LINCOLN PARK	MAX	86	80	86	94	98	84	73	88	92	85	78	73	70	82	87	85	85	83	85	75	88	76	[illegible]	102	87	99	99	84	81	85	92	85.4
	MIN	67	58	55	55	65	63	48	53	55	59	58	59	55	45	49	57	59	56	57	57	58	57	47	59	62	53	66	52	52	46	46	55.7
EMARTH	MAX	90	85	88	95	99	89	75	87	95	92	76	68	68	77	90	89	87	83	92	78	82	77	89	101	87	93	94	80				85.9
	MIN	51	51	46	50	64	58	45	42	50	58	63	58	55	44	53	50	59	50	63	52	50	56	44	62	58	43	58	50				53.0
E	MAX	85	84	69	80	92	95	72	72	79	89	84	75	72	70	78	84	80	78	71	78	72	80	75	79	93	82	92	94	74	73	82	80.1
	MIN	54	59	52	58	67	58	55	52	55	59	58	56	53	48	51	51	56	54	58	58	58	53	45	52	55	57	56	46	51	46	50	54.2
TVILLE	MAX	87	79	78	87	91	87	70	84	87	83	79	71	72	76	81	76	84	83	81	70	85	81	75	89	86	93	92	83	78	78	89	81.8
	MIN	64	62	58	57	67	56	52	50	57	58	58	55	54	46	51	61	58	59	50	62	59	60	46	52	66	59	60	50	53	46	43	55.8
CLUSKY	MAX	81	74	86	90	91	90	80	80	86	85	83	72	70	78	82	81	80	78	78	75	80	78	77	93	90	90	91	85	73	79	91	82.2
	MIN	57	57	52	52	67		48	52	56	62	58	58	53	47	53	55	58	55	56	58	54	55	47	59	60	57	62	47	54	46	54	55.0
HENRY 5 N	MAX	82	76	76	88	90	83	69	82	87	80	73	72	70	74	80	80	82	78	78	72	80	71	75	89	83	91	91	76	74	77	89	79.6
	MIN	55	58	52	56	63	63	48	46	54	55	54	53	52	44	50	57	57	57	52	58	53	55	45	53	61	54	58	44	51	42	50	53.2
LEOO 3 E	MAX	88	81	82	90	90	86	76	87	88	90	79	73	75	77	81	90	88	85	85	81	85	81	82	90	87	95	98	90	91	86	94	85.5
	MIN	65	65	53	56	65	64	51	45	53	56	56	58	57	43	47	63	60	60	57	63	57	63	49	57	69	55	63	55	47	42	51	56.3
ORA 4 NNE	MAX		87	86	97	100	94	74	86	94	92	80	70	72	79	92	86	85	80	85	81	81	78	86	97	90	90	91	84	77	86	94	85.8
	MIN			45	48	63	60	45	37	47	53	57	58	53	40	55	46	55	50	60	55	53	55	45	56	58	46	61	46	53	43	50	51.5
OT CAA	MAX	82	70	79	90	93	70	71	60	87	76	73	73	70	76	78	77	77	76	73	72	74	67	78	92	81	90	91	72	74	81	93	78.6
	MIN	52	58	55	62	65	53	51	54	60	59	54	57	50	50	57	55	54	54	56	57	53	49	48	62	61	60	59	45	53	46	54	54.9
OT EXP FARM	MAX	83	78	79	89	93	91	72	80	87	84	75	73	71	77	80	78	79	78	77	72	75	74	78	92	87	90	92	74	74	82	92	80.8
	MIN	53	54	54	59		57	49	53	57	58	56	58	49	47	47	54	54	58	54	58	51	54	47	56		56	59	41	60	43	51	53.3
VALL	MAX	83	76	80	89	94	84	71	81	86	80	75	74	71	78	80	74	80	78	74	73	73	68	79	93	81	89	90	74	75	81	94	79.9
	MIN	50	56	52	58	63	54	48	52	57	55	52	56	48	47	55	50	52	52	52	58	51	55	45	55	57	55	57	39	55	40	51	52.5
T	MAX	82	75	83	89	95	76	71	85	95	82	76	68	70	77	86	85	85	79	85	73	82	73	82	101	83	93	93	77	77	87	93	85.5
	MIN	50	57	45	55	62	60	42	41	49	54	57	58	53	41	48	51	58	52	58	49	50	55	43	57	56	48	64	47	52	43	48	51.7

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MUNICH 4 SW	MAX	85	77	78	89	88	82	69	80	87	80	73	73	70	78	79	80	80	79	74	73	75	70	76	88	87	89	91	87	80	77	81	79.
	MIN	52	55	52	53	54	59	49	45	58	52	50	51	49	41	48	58	51	54	50	56	53	54	44	54	56	52	54	42	45	39	47	50.
NAPOLEON 1 SE	MAX	84	80	81	91	90	80	73	83	90	85	81	75	71	77	82	82	82	81	78	77	78	78	79	101	99	98	98	88	81	84	94	83.
	MIN	56	61	53	55	65	66	50	51	53	59	55	56	54	44	54	62	60	56	56	58	56	56	44	58	63	52	65	50	52	43	49	55.
NEW ENGLAND	MAX	83	83	85	92	98	83	72	85	95	86	77	68	71	76	88	88	86	79	86	72	80	75	84	102	86	93	94	77	78	87	95	84.
	MIN	50	55	47	54	59	58	44	41	53	55	57	57	53	42	47	52	58	52	60	52	49	48	42	55	57	48	69	48	54	46	53	52.
NEW SALEM 1 S	MAX	84	71	82	95	96	82	73	87	92	85	77	75	70	79	87	86	83	80	83	72	75	72	81	98	84	95	97	75	78	84	93	82.
	MIN	56	59	50	58	60	60	42	49	52	52	56	53	53	44	55	54	60	53	54	54	53	55	47	54	60	60	67	47	53	50	54	54.
OAKES	MAX	90	86	78	81	89	93	84	73	83	90	87	75	68	70	75	80	85	86	85	81	80	86	77	80	95	84	95	93	72	83	81	82.
	MIN	68	66	54	57	63	71	55	43	54	61	59	57	59	47	48	57	62	60	58	63	56	62	49	57	68	52	61	57	48	44	52	57.
PARK RIVER	MAX	87	85	79	89	93	91	72	84	81	79	77	77	75	77	83	83	85	84	82	78	82	81	81	91	90	94	95	77	77	77	91	83.
	MIN	60	59	58	57	62	61	56	50	56	60	55	52	55	45	58	60	60	58	55	55	59	59	50	55	65	61	59	48	53	44	52	56.
PARSHALL	MAX	82	79	82	93	98	93	75	86	93	86	74	74	75	81	88	79	82	79	75	72	79	71	81	97	91	92	95	82	77	85	95	83.
	MIN	45	55	45	45	64	55	45	42	48	54	49	54	48	39	48	51	47	51	52	54	50	50	39	51	55	47	53	39	54	38	46	48.
PEMBINA 2N	MAX	89	89	81	89	90	91	72	83	83	81	79	72	76	74	85	84	85	85	82	77	86	83	83	87	87	93	95	86	77	77	92	83.
	MIN	61	60	55	62	65	69	55	49	50	59	54	49	51	42	54	61	63	59	54	62	61	55	45	55	63	55	61	44	41	39	56	55.
PETERSBURG	MAX	84	78	78	90	90	83	72	83	88	82	81	74	75	73	72	82	84	84	82	78	91	81	82	87	84	94	95	87	77	79	91	82.
	MIN	58	58	56	53	67	66	51	48	55	56	53	53	50	45	51	57	56	57	56	58	55	52	49	56	62	56	57	45	49	41	51	54.
PETTIBONE	MAX	83	75	77	90	89	88	68	83	87	80	74	71	69	77	80	80	80	80	77	72	83	72	79	96	89	94	94	89	76	79	90	81.
	MIN	56	61	56	57	65	65	50	50	56	68	57	55	55	46	52	56	59	58	57	58	55	56	46	60	59	54	61	47	55	44	54	55.
PORTAL	MAX	81	83	72	80	92	94	68	72	81	85	71	74		80	81	86	76	79	75	61	69	71	65	80	85	79	85	83		73	80	78.
	MIN	51	55	48	55	70	52	45	58	52	54	63	56		45	64	50	48	49	52	56	49	50	45	59	53	53	62	37		42	52	52.
POWERS LAKE 1N	MAX	82	71	80	92	95	65	72	81	88	80	74	69	71	80	87	76	78	76	76	68	70	67	78	88	80	86	88	82	73	81	94	79.
	MIN	45	56	49	55	65	52	44	44	53	52	50	55	48	42	53	46	46	45	55	56	53	49	50	49	55	50	52	39	52	40	49	50.
RICHARDTON ABBEY	MAX	85	81	85	94	98	96	73	85	93	89	79	72	74	79	88	87	86	79	83	78	81	77	82	100	93	92	94	82	77	86	94	85.
	MIN	57	57	50	55	63	57	46	48	55	57	55	56	53	46	51	52	57	54	59	53	53	54	47	58	58	57	66	47	55	48	60	54.
RIVEROALE	MAX	81	81	70	79	93	95	71	72	82	88	77	72	72	71	78	82	82	81	76	80	74	80	69	80	96	83	92	94	74	75	83	80.
	MIN	55	58	54	57	64	59	48	53	59	59	53	57	54	45	55	54	57	54	57	57	55	55	46	58	62	56	63	47	54	47	52	55.
ROLLA	MAX	81	74	76	86	87	82	68	78	85	75	70	71	68	76	78	78	79	77	72	72	74	69	76	86	80	87	88	79	72	76	88	77.
	MIN	56	56	55	55	62	57	52	50	57	51	50	51	50	48	46	52	53	66	53	56	53	53	47	54	56	57	57	45	50	44	52	53.
RUGBY	MAX	83	81	79	88	90	90	71	74	89	85	76	76	75	80	81	80	80	79	79	71	78	76	78	90	88	92	92		75	79	92	81.
	MIN	56	58	52	57	66	61	51	52	62	58	57	57	51	48	54	57	56	56	58	60	52	56	47	59	58	57	59	45	55	42	53	55.
SAN HAVEN	MAX	79	77	76	87	87	87	69	78	85	82	71	70	74	76	78	74	79	78	75	70	70	67	77	86	83	87	85	74	69	76	88	77.
	MIN	56	57	54	53	65	58	51	46	57	56	53	52	49	44	52	55	54	56	57	57	52	54	46	59	53	54	63	43	49	43	49	53.
SANISH	MAX	83	84	75	82	96	98	72	72	85	93	79	78	73	75	82	89	79	80	79	73	72	75	69	78	96	83	91	93	78	78	85	81.
	MIN	46	48	45	48	54	54	45	38	41	52	53	52	53	45	58	56	58	50	50	53	55	51	40	50	56	45	50	39	42	39	40	48.
SHARON	MAX	84	77	75	85	90	83	72	80	86	81	74	68	71	74	81	79	82	79	78	73	81	74	75	88	82	90	91	72	75	76	86	79.
	MIN	65	60	54	55	67	51	53	60	59	57	56	54	52	47	47	56	57	57	47	60	56	58	47	57	64	57	60	47	50	44	54	55.
STANLEY	MAX	80	73	81	93	94	67	70	80	88	77	74	70	71	73	83	76	80	76	67	67	72	65	80	92	86	88	89	75	72	82	93	78.
	MIN	47	54	50	51	62	53	52	46	55	55	59	55	49	45	50	53	49	50	53	55	50	50	44	52	56	55	56	42	56	42	48	51.
STEELE	MAX	83	80	80	92	90	85	71	85	88	86	78	73	70	76	83	81	83	81	79	77	85	82	79	98	95	95	96	89	78	82	92	83.
	MIN	55	59	50	55	65	62	42	49	52	58	55	55	55	46	51	52	59	56	54	57	52	54	42	59	62	54	63	47	52	44	49	53.
TOWNER	MAX	84	74	80	90	93	83	75	82	88	82	76	75	74	82	78	79	77	78	77	71	77	74	78	92	82	90	92	75	76	88	92	81.
	MIN	50	57	51	58	59	49	48	59	61	54	53	54	53	42	47	51	49	52	53	48	49	56	49	58	54	38	55	39	53	49	54	51.
TURTLE LAKE	MAX	83	73	78				70	81	86	83	73	73	71	79	84	80	80	72	78	76	79	77	82	91	92	90	92	81	72	80	91	80.
	MIN	55	55	51				49	53	57	59	57	57	54	47	53	50	53	55	55	57	55	53	49	58	59	57	59	49	54	46	52	53.
UNDERWOOD	MAX	82	81			94	95	72	81	85	87	77	72	72	71	79	79	82	87	78	80	73	80	69	80	96	83	91	94	74	74	83	81.
	MIN	54	58	54	54	63	60	53	56	57	59	55	57	53	46	46	52	56	53	57	56	54	55	47	53	58	56	61	45	50	46	52	54.
UPHAM 3N	MAX	85	84	83	92	93	92	75	82	90	86	79	76	74	82	81	79	84	80	77	71		78	80	91	89	90	94	75	79	82	96	83.
	MIN	49	49	52	54	60	57	50	47	53	53	56	56	47	40	50	51	51	52	53	55		49	45	53	55	53	59	38	52	38	46	50.
VALLEY CITY	MAX	87	87	80	94	93	89	73	85	90	86	82	76	72	76	82	83	83	82	83	78	88	85	80	94	94	96	96	91	79	80	91	85.
	MIN	60	63	57	60	69	70	55	48	54	62	60	55	56	46	52	62	63	62	58	61	59	60	50	58	66	59	61	53	49	42	50	57.
VAN HOOK	MAX	83	77	82	95	97	94	74	85	92	82	76	74	73	80	91	80	81	77	75	71	76	71	81	97	92	91	93	75	76	85	95	82.
	MIN	44	52	51	56	66	58	46	48	54	57	52	57	51	45	54	53	51	53	54	56	52	54	48	57	60	50	55	42	58	42	50	52.
VELVA	MAX	80	67	78	89	91	86	70	79	85	82	72	72	70	75	80	78	77	76	77	72	76	73	77	89	88	88	90	79	73	78	89	79.
	MIN	51	51	55	58	69	59	51	53	58	60	55	58	53	45	57	54	54	55	53	51	54	56	49	60	55	57	56	45	59	44	49	54.
WAHPETON STATE SCHOOL	MAX	89	85	82	89	90	89	77	84	87	89	86	80	79	79	81	85	90	86	85	81	87	86	82	89	88	94	94	84	85	81	92	85.
	MIN	66	63	54	60	66	66	55	48	54	60	57	59	54	48	53	63	62	65	58	66	59	63	49	57	72	58	63	57	49	43	54	58.
WASHBURN	MAX	89	78	82	92	96	94	78	84	90	87	78	74	74	80	85	82	82	81	82	79	83	77	82	96	96	94	95	85	78	84	93	84.
	MIN	56	58	51	58	57	61	47	51	51	59	57	51	54	44	52	53	56	54		54	53	55	46	49	54	54	55	46	56	46	51	53.
WATFORD CITY	MAX	86	77	82	97	99	74	74	84	94	82	79	73	76	80	89	79	81	79	73	71	75	67	84	95	83	88	92	77	75	84	94	82.
	MIN	53	57	51	54	68	56	45	49	54	55	52	56	52	49	58	53	54	51	57	51	54	51	46	63	56	52	57	43	57	45	52	53.
WESTHOPE	MAX	81	72	79	89	96	92	74	84	87	75	75	75	71	81	80	75	80	80	73	72	75	70	78	90	83	90	88	73	75	81	92	80.
	MIN	52	50	51	52	65	56	49	58	65	55	54	56	47	46	59	51	52	52	54	51	53	50	46	58	55	55	55	39	49	40	50	52.
WILLISTON WB CITY	MAX	84	74	82	94	94	69	73	84	91	74	78	69	72	79	85	80	78	77	67	71	70	70	82	90	82	89	88	75	75	83	94	79.
	MIN	53	58	52	59	66	52	47	51	57	57	52	57	54	50	60	56	54	52	59	55	56	52	49	66	59	54	56	47	57	49	55	54.
WILLOW CITY	MAX	83	74	79	89	90	80	72	80	87	80	80	75	73	80	82	77	81	79	73	74	75	69	79	90	84	90	93	73	77	87	94	80.
	MIN	48	57	54	50	60	59	51	47	56	57	56	51	49	41	51	54	52	54	52	59	52	55	43	54	57	52	55	41	52	39	44	51.
WILTON RR STATION	MAX	83	81	70	79	89	90	70	70	82	87	78	70	70	69	79	82	79	79	78	78	71	80	70	78	94	81	91	92	72	74	81	78.
	MIN	58	59	52	57	63	60	46	50	52	59	57	56	53	45	47	55	59	54	58	56	53	54	45	56	60	53	62	46	51	51	53	54.
WISHEK	MAX																																
	MIN	60	59	49	53	62	66	49	47	48	53	56	55	54	42	47	61	55	56	55	57	53	57	42	55	62	51	62	50	49	40	48	53.

TABLE 6 FOR THIS ISSUE MAY BE FOUND ON PAGE 93.

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage*	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a stats basis. There will be no duplication of numbe within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from tbs post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for ths preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for wbich data are not listed, ars either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin ars: temperature in °F., precipitation and evaporation in inches, and wind movement miles. Degree days are based on a daily average of 65°F. Evaporation is measured in tbe standard Wsatber Bureau type pan of 4 foot diameter unless otberwi shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unlss otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for tbe 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For tbese stations snow on ground values are at 1830 CS

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tablss 2 and 5 is indicated by no entry.
+	Ana also on a latsr date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	Ons or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for tbis station, bave been adjusted to rspresent the value for the full month.
R	Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T	Trace, an amount too small to measure.
V	Includes total for previous montb.
SS	Tbis entry in time of observation column in Station Index means observation made nsar sunsst.

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U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

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CLIMATOLOGICAL DATA

NORTH DAKOTA

OCT 31 1952

AUGUST 1952
Volume LXI No. 8

NAT.
HIST.

KANSAS CITY: 1952

NORTH DAKOTA - AUGUST 1952

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

August provided one of the most favorable harvest seasons of recent years. The fine wa weather produced very high quality grain in nearly all sections of the state. Crop yiel were also better than generally expected. Black stem rust caused some damage to late seede fields but due to the favorable weather it was not as bad as expected.

The mean temperature for the state was 67.5 degrees which is 0.5 degrees above normal. Th eastern division averaged 67.6 degrees which is 0.6 degree above normal; the middle divisio averaged 67.1 degrees which is 0.2 degree above normal; and the western division average 67.3 degrees which is 0.3 degree above normal. The highest temperatures of the month we generally recorded around the 14th and 24th with 100 degree readings quite common. Th highest reading was 105 degrees at Ellendale on the 14th. The lowest temperatures were ob served generally about the 11th with Sanish reporting 31 degrees for the coldest statio The mean temperature ranged from 71.0 degrees at Ellendale to 62.1 degrees at Belcourt

Precipitation over the state averaged 2.31 inches which is 0.24 inch above normal. Th eastern division averaged 2.12 inches which is 0.39 inch below normal; the middle divisio averaged 2.54 inches which is 0.52 inch above normal; the western division averaged 2.2 inches which is 0.61 inch above normal. Medina reported the greatest monthly total with 5.8 inches. The least monthly total was 0.37 inch reported at Linton and Litchville. The great est 24-hour amount of rainfall reported was 4.00 inches at Kensal Wildlife Refuge on th 26th. Precipitation departures ranged from 3.19 inches above normal at Max to 1.89 inche below normal at Jamestown. Nearly half of the reporting stations recorded substantial de ficiencies in rainfall for the month. Some of the heaviest rains occurred during the las week.

Because rainfall was rather spotted and some of the heaviest rains fell near the end of th month it was rather dry in most sections of the state. Consequently it was nearly idea weather for harvesting and threshing. At the end of the month nearly 90 percent of the whea and less than half of the flax had been threshed or combined. The harvesting of other sma grains was substantially completed. The quality of the grain was generally very good excep in a few areas on late seeded grain which suffered some damage from black stem rust. A con siderable amount of wild oats was present in many fields. Corn suffered some damage fro dry weather in a few sections but in general looked good in the main producing areas. Th yield was expected to be only slightly below the 10-year average (1941-50). Most sma grains too were yielding better than was expected earlier in the season. Potatoes and sug beets were in good condition with only a few potatoes dug at the end of the month. Quite large amount of hay was cut during the month, and the supply of hay was considered adequat for the winter feeding season. Pastures showed a substantial decline in a number of place and on September 1 were generally rated the poorest since 1939. Livestock, however, mai tained a good condition throughout the month.

Torrential rains occurred near Napoleon and 14 miles southwest of Almont on the 25th doi considerable damage. A Soo Line train was derailed near Napoleon when the tracks were wash out by the flood caused by an estimated six inch rainfall in an area about four miles wi by 20 miles long. On the 30th another heavy rain seven miles southwest of Almont did furth damage. Heavy rains occurred in other parts of the state during this same period. A win storm which may possibly have included a tornado moved southeastward through LaMoure Coun on the 19th doing considerable damage to farm buildings and knocking out an REA transmissi line. Lightning struck and burned an elevator at Werner in Dunn County on the 15th a killed a cow near Richardton on the 18th. Hail did additional damage in scattered are throughout the state.--CJS

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p.h				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	2:30A CST	6:30A CST	2:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
SMARCK WB AIRPORT	SSE	10	10.5	56	W	31	72	83	48	45	7	8	1	0	0	0	16	68	5.5
VILS LAKE WB CITY	–	–	7.5	26	W	31	–	–	–	–	2	5	4	1	0	0	12	68	4.9
RGO WB AIRPORT	SSE	16	11.8	45	SW	30	77	85	51	53	10	4	0	1	1	0	16	76	4.6
LLISTON WB CITY	–	–	6.3	30	W	31	61	77	44	37	8	3	1	1	1	0	14	77	5.1

COMPARATIVE DATA

ble 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
892	67.3	105	24	2.39	0	8
893	66.7	109	29	1.31	0	3
894	68.8	102	30	1.14	0	4
895	64.5	104	24	1.57	0	5
896	64.7	107	21	1.12	0	5
897	64.1	106	29	1.18	0	5
898	65.4	104	24	1.69	0	5
899	65.2	97	32	2.83	0	6
900	70.4	114	33	5.06	0	10
901	66.9	100	32	1.77	0	6
902	64.3	96	26	2.30	0	8
903	63.7	103	35	4.68	0	10
904	63.3	102	31	1.61	0	6
905	67.5	107	34	2.43	0	7
906	66.3	105	31	1.84	0	7
907	64.5	104	26	1.73	0	6
908	63.2	104	25	2.16	0	7
909	69.8	109	27	2.23	0	6
910	63.1	109	24	1.46	0	5
911	62.2	98	23	3.21	0	8
912	63.4	118	32	2.88	0	10
913	68.9	106	30	2.63	0	6
914	64.2	101	26	2.29	0	7
915	64.4	100	19	1.18	0	4
916	66.0	100	26	2.67	0	8
917	65.2	105	32	0.82	0	6
918	66.5	102	34	3.38	0	8
919	67.9	101	30	1.59	0	5
920	68.8	108	28	1.53	0	5
921	67.2	108	31	1.98	0	6
922	69.8	115	33	1.31	0	6
923	63.0	97	28	1.84	0	8
924	63.8	102	28	1.57	0	6
925	67.9	110	29	1.04	0	5
926	65.6	105	36	2.37	0	7
927	63.4	96	28	3.13	0	8
928	64.8	105	25	3.09	0	8
929	68.5	106	26	0.77	0	4
930	70.4	104	32	1.45	0	6
931	67.0	105	30	2.09	0	6
932	68.3	100	28	1.89	0	7
933	68.5	104	31	0.75	0	5
934	67.4	108	25	1.15	0	5
935	66.2	109	26	2.35	0	8
936	69.8	110	29	1.40	0	6
937	72.9	109	40	1.52	0	5
938	69.8	109	33	1.50	0	6
939	68.6	105	32	2.10	0	7
940	67.8	103	33	2.05	0	7
941	68.8	111	32	2.86	0	10
942	66.3	105	33	3.09	0	9
943	67.7	104	31	2.61	0	9
944	65.6	102	34	4.37	0	11
945	67.1	105	32	1.68	0	6
946	65.2	104	29	1.62	0	7
947	70.9	110	34	2.67	0	9
948	68.6	103	35	1.83	0	6
949	71.2	111	30	0.99	0	4
950	64.1	97	29	1.49	T	7
951	63.8	101	35	4.09	T	12
952	67.5	105	31	2.31	T	8

erages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature												Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 **
EASTERN DIVISION																							
Amenia		81.6	54.6	68.1	1.0	99	14	44	11+	20	5	0	0	0	1.57	- .97	.60	30	T	0		5	1	0
Arvilla State Park		80.6	51.9	66.3		100	14	39	17	48	6	0	0	0	2.23		.64	3	.0	0		11	1	0
Baldhill Dam																								
Carrington		81.9	50.3	66.1	-1.0	99	15	41	11+		5	0	0	0	2.10	.03	1.03	26	.0	0		9	1	1
Cavalier		81.8	53.5	67.7	1.8	102	14	44	29	36	6	0	0	0	1.86	- .65	.85	3	.0	0		10	1	0
Cooperstown		81.4	53.2	67.3	- .1	99	14	42	11	42	6	0	0	0	2.61	.00	.91	3	.0	0		7	3	0
Devils Lake WB City	R	79.4	53.9	66.7	1.9	99	14	43	11	52	5	0	0	0	1.66	- .82	.66	27	.0	0		10	1	0
Edgeley Exp. Farm		83.7	52.7	68.2	.5	101	15	38	11		8	0	0	0	1.08	-1.27	.30	3+	.0	0		6	0	0
Edmore 1 W		80.6	49.1	64.9	.1	100	14	37	11	89	6	0	0	0	1.84	- .49	.90	30	.0	0		11	1	0
Ellendale		86.5	55.5	71.0	2.3	105	14	42	11+	14	9	0	0	0	1.43	-1.34	.40	28	.0	0		11	0	0
Enderlin		84.9	51.7	68.3M		101	15	39	11		9	0	0	0	.68		.26	8	.0	0		8	0	0
Fargo WB Airport	R//	80.6	55.2	67.9	1.8	97	14	44	11	35	3	0	0	0	2.69	- .20	1.73	30	.0	0		6	2	1
Forman		84.8	55.8	70.3	2.1	100	14	41	11+	18	7	0	0	0	1.47	-1.28	.81	20	.0	0		5	1	0
Fullerton		85.2	54.8	70.0	2.0	104	14	39	11	20	7	0	0	0	1.17	-1.37	.68	18	.0	0		4	1	0
Gackle		83.4	54.1	68.8M	1.3	100	14	41	11	27		0	0	0	2.42	.07	1.02	25	.0	0		6	2	1
Grafton State School		82.4	50.7	66.6	.4	102	14	39	17	50	6	0	0	0	2.60	.08	1.27	31	.0	0		8	2	1
Grand Forks CAA AP		79.9	52.5	66.2	.2	100	14	42	21	54	6	0	0	0	1.79	- .83	.42	26	.0	0		10	0	0
Grand Forks Univ.		79.2	53.5	66.4	.4	100	14	42	11+	47	5	0	0	0	1.92	- .70	.54	26	.0	0		11	1	0
Grand Rapids 1 N		85.4	54.0	69.7		101	14	36	11	26	11	0	0	0	2.30		1.06	20	T	0		9	2	1
Hankinson RR Sta.		83.2	55.3	69.3M	-1.4	97	15	45	11		7	0	0	0	4.42	1.67	2.03	8	.0	0		9	3	1
Hannah		79.2	49.1	64.2	.1	96	14	37	13	95	5	0	0	0	2.35	- .02	.50	30	.0	0		10	1	0
Hillsboro		80.8	54.1	67.5	- .7	98	14	44	11+	35	5	0	0	0	2.75	.00	1.24	3	.0	0		9	2	1
Jamestown CAA AP		82.6	51.7	67.2	.3	100	14	38	11	51	6	0	0	0	.81	-1.74	.38	30	.0	0		9	0	0
Jamestown State Hospital		84.1	53.9	69.0	2.1	102	14	40	11	24	7	0	0	0	.66	-1.89	.19	20	.0	0		10	0	0
Kensal Wildlife Refuge		81.7	50.6	66.2M		100	14	38	11	56	5	0	0	0	4.82		4.00	26	.0	0		7	1	1
Langdon Exp. Farm		80.3	50.5	65.4	1.7	98	14	38	11	82	5	0	0	0	2.49	.02	1.10	30	.0	0		11	2	1
Larimore		80.4	53.5	67.0M	1.1	99	14	43	11	41		0	0	0	2.99	.28	1.02	26	.0	0		9	2	2
Lisbon												0	0	0	3.39	.49	1.20	8	.0	0		6	3	1
Mayville		80.6	54.9	67.8	- .1	99	14	45	11	25	5	0	0	0	2.76	.21	1.03	3	T	0		8	2	1
McHenry 5 N		79.4	51.7	65.6	- .1	99	14	39	11	70	5	0	0	0	1.76	- .56	.84	26	.0	0		10	1	0
McLeod 3 E		83.9	54.7	69.3	.8	100	14	40	11	25	6	0	0	0	1.57	-1.13	.89	3	.0	0		5	2	0
Munich 4 SW		78.3	49.9	64.1		95	14	36	11	97	4	0	0	0	3.00		1.26	30	.0	0		10	1	1
Oakes		82.6	54.2	68.4	- .7	100	15	39	12		5	0	0	0	1.57	-1.10	.47	3		0		8	0	0
Park River		83.0	54.4	68.7	2.1	100	14	45	11	23	7	0	0	0	1.45	- .85	.39	3	.0	0		8	0	0
Pembina 2 N		83.9	51.8	67.9	3.2	103	14+	41	11	45	8	0	0	0	1.83	- .46	.82	2	.0	0		6	2	0
Petersburg		81.6	51.5	66.6		99	14	40	11	48	6	0	0	0	2.40	.04	.84	3	.0	0		9	1	0
Sharon		79.5	54.8	67.2	- .7	98	14	41	11	40	3	0	0	0	2.17	- .20	.80	3	.0	0		9	1	0
Valley City		84.9	54.0	69.5M	1.8	102	14	40	11	28	8	0	0	0	1.04	-1.50	.53	30	.0	0		7	1	0
Wahpeton State School		84.8	56.4	70.6	1.9	97	14	43	11	8	4	0	0	0	2.80	- .07	.89	3	.0	0		9	2	0
DIVISION				67.6	.6										2.12	- .39			T					
MIDDLE DIVISION																								
Ashley		81.9	53.0	67.5	.3	101	14	37	11	30	5	0	0	0	2.32	- .12	1.61	25	.0	0		9	1	1
Belcourt Indian Res.		76.6	47.6	62.1M		94	14	35	17	145	4	0	0	0	2.41		.77	30	T	0		9	1	0
Bisbee		78.6	52.3	65.5	- .2	96	14	40	11	66	5	0	0	0	3.85	1.50	1.58	7	.0	0		12	2	1
Bismarck WB City		83.0	56.0	69.5	1.3	98	15	44	11+		6	0	0	0	1.20	- .43	.53	31	.0	0		10	1	0
Bismarck WB Airport	R	83.3	53.6	68.5	1.8	101	14	41	11+	35	6	0	0	0	.61	-1.21	.31	30	.0	0		9	0	0
Bottineau		79.1	51.6	65.4M	.5	97	24	39	11+		6	0	0	0	2.15	- .30	.48	3	.0	0		10	0	0
Butte		79.5	50.7	65.1M	-2.1	96	15+	42	21+		4	0	0	0	4.11	2.17	1.42	30	T	0		9	2	2
Carson No. 2		83.0	55.6	69.3M	.7	98	15	40	11			0	0	0	2.47	.81	.91	31	T	0		9	2	0
Center		82.5	51.0	66.8M	-1.2	98	14	35	11	46	9	0	0	0	1.56	- .15	1.10	30	.0	0		4	1	1
Drake		80.7	53.8	67.3	- .3	98	15	41	11		7	0	0	0	4.60	2.58	2.00	27	.0	0		7	3	3
Eckman		80.1	50.2	65.2	.2	99	24	38	11		6	0	0	0	3.41	1.53	.95	3	.0	0		7	3	0
Fessenden		82.6	50.6	66.6	- .1	99	14	38	11	55	6	0	0	0	2.58	.40	.74	7	.0	0		11	1	0
Fort Yates		84.5	54.2	69.4M	- .3	102	14	41	9+	23		0	0	0	1.34	- .55	.72	7	.0	0		6	1	0
Foxholm 7 N		82.0	52.5	67.3	.7	100	23+	41	21	48	6	0	0	0	2.42	.44	.79	8	.0	0		8	2	0
Garrison		81.8	53.0	67.4	.8	98	23	40	11	56	8	0	0	0	2.61	.67	1.12	29	.0	0		6	3	1
Granville		81.5	53.8	67.7M	2.0	100	23	41	11	34		0	0	0	4.88	3.01	1.79	3	.0	0		8	4	1
Hansboro		76.5	50.4	63.5M	.0					100		0	0	0	3.07	.75	1.17	7	.0	0		10	2	1
Leeds		83.7	51.4	67.6		101	14	38	11	39	9	0	0	0	2.00		.90	30	.0	0		9	1	0
Linton		84.9	54.5	69.7	- .4	101	14	37	11	26	9	0	0	0	.37	-1.71	.20	7	.0	0		5	0	0
Maddock Agr. School		82.2	52.2	67.2	.7	97	14	42	11+	41	8	0	0	0	2.52	.21	.97	27	.0	0		8	2	0
Mandan Exp. Station		83.4	54.0	68.7	- .2	100	15	41	11		9	0	0	0	.60	- .98	.31	31	.0	0		9	0	0
Mandan Ft. Lincoln Park		85.6	54.0	69.8		104	14	42	9+	22	10	0	0	0	1.00		.70	30	.0	0		8	1	0
Max		81.4	53.2	67.3	- .1	98	24	41	11		6	0	0	0	5.07	3.19	1.50	27	.0	0		8	4	3
McClusky		82.1	53.6	67.9	.7	98	14	37	31	38	5	0	0	0	1.28	- .65	.71	30	.0	0		5	1	0
Minot CAA AP		78.5	54.9	66.7	1.1	99	23	41	11	70	6	0	0	0	3.64	1.72	1.15	2	T	0		10	2	1
Minot Exp. Farm		81.0	52.5	66.8M		99	23	39	11	58	6	0	0	0	2.97		.86	3	.0	0		7	2	0
Mohall		81.0	52.0	66.5	1.7	102	23	39	11	59	7	0	0	0	2.60	.69	.68	8	.0	0		10	1	0
Napoleon 1 SE		83.8	54.1	69.0	1.9	102	14	39	11	28	6	0	0	0	1.69	- .51	.74	25	.0	0		10	1	0
New Salem 1 S		84.4	54.6	69.5	1.6	99	14+	40	11	33	10	0	0	0	1.61	- .12	1.18	30	.0	0		6	1	1
Pettibone		81.6	54.5	68.1	- .4	100	14	42	11	36	5	0	0	0	2.42	.27	1.74	26	.0	0		8	1	1
Riverdale		82.1	53.9	68.0M		98	15				9	0	0	0	3.96		1.37	30	.0	0		5	4	1
Rolla		77.5	51.5	64.5	-1.1	95	14	42	11	81	4	0	0	0	1.88	- .61	.64	30	.0	0		10	1	0
Rugby		82.6	53.5	68.1		98	14	38	11	36	9	0	0	0	4.10	2.10	2.25	30	T	0		6	2	2
San Haven		78.1	52.8	65.5	.9	94	23	42	17	60	4	0	0	0	2.04	- .32	.45	30	.0	0		11	0	0
Steele		84.0	52.8	68.4	1.1	99	14	37	11	32	8	0	0	0	.44	-1.74	.17	30	.0	0		5	0	0

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

ABLE 2 - CONTINUED

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail: Total	Max. Depth on Ground	Date	No. of Days: .01 or More	.50 or More	1.00 or More
wner	81.5	49.6	65.6	- .6	98	14+	36	11	77	8	0	0	0	4.50	2.52	2.68	30	.0	0		6	2	1
rtle Lake	82.9	51.2	67.1M	- .2	97	14	40	11	37		0	0	0	1.91	- .07	.71	30	T	0		7	1	0
derwood	82.1	52.4	67.3M	-1.0	98	15	40	11			0	0	0	3.11	1.20	1.07	30	T	0		8	3	2
ham 3 N	82.8	50.0	66.4M		99	14	38	11	59		0	0	0	3.87		1.85	30	.0	0		9	3	1
lva	79.5	54.3	66.9	.1	97	23	43	11+	42	5	0	0	0	5.02	2.80	1.92	27	T	0		8	3	3
shburn	83.9	53.2	68.6	.5	98	14	39	11	24	9	0	0	0	1.15	- .48	.74	30	T	0		6	1	0
sthope	79.4				100	23				7	0	0	0	3.45	1.44	1.04	30	.0	0		9	4	1
llow City	80.6	50.0	65.3	1.1	98	14	39	11	73	7	0	0	0	3.06	1.02	1.29	30	.0	0		11	1	1
lton RR Station	80.7	52.4	66.6M	-1.1	97	15	40	12		4	0	0	0	1.37	- .34	.88	31	.0	0		8	1	0
shek	80.6	51.2	65.9M	-1.1			36	11	57		0	0	0	1.18	-1.01	.54	26	.0	0		8	1	0
DIVISION			67.1	.2										2.54	.52			T					
WESTERN DIVISION																							
mont 7 SW	84.6	54.5	69.6		102	14	38	12	32	11	0	0	0	3.89		2.82	30	.0	0		11	1	1
idon	86.9	48.9	67.9	- .5	100	15+	36	11+		14	0	0	0	.88	- .67	.36	8	.0	0		7	0	0
ach	83.3	52.4	67.9	.7	100	26	38	11		8	0	0	0	1.28	- .32	.89	8	.0	0		5	1	0
lfield	82.8	51.6	67.2M	- .8	99	24			31	7	0	0	0	2.45	.64	.68	29	.0	0		8	3	0
wbells	80.5	50.7	65.6	.8	100	26	38	11		8	0	0	0	2.63	.65	.89	16	.0	0		11	2	0
wbells 5 E	77.5	51.2	64.4		96	24	37	11		5	0	0	0	2.50		.87	16	.0	0		9	2	0
wman Court House	85.1	50.5	67.8	- .3	99	24	35	11	45	10	0	0	0	1.04	- .70	.29	7	.0	0		7	0	0
osby	82.3	51.5	66.9	1.9	103	25	41	28	61	6	0	0	0	2.14	.32	.70	31	.0	0		11	2	0
ckinson CAA AP	81.6	53.3	67.5	1.0	99	24	41	31	58	8	0	0	0	2.50	.66	1.00	26	T	0		8	2	1
ckinson Exp. Sta.	83.1	52.4	67.8	1.3	97	15+	35	11		9	0	0	0	3.09	1.25	1.40	27	.0	0		7	2	2
nn Center	83.8	48.7	66.3	- .1	99	24	35	11		9	0	0	0	1.87	.21	.73	30		0		6	2	0
bowoods	84.2	53.0	68.6M	.7	100	23			42	8	0		0	1.30	- .54	.76	30	.0	0		6	1	0
ping	84.4	53.0	68.7	1.2	104	25	35	11	40	9	0	0	0	1.84	.20	.76	27	.0	0		7	1	0
enora	83.0	52.2	67.6	2.0	103	25	38	11	49	6	0	0	0	2.32	.82	.74	30	.0	0		11	1	0
ttinger	82.6	55:0	68.8	- .1	98	14	39	11	29	6	0	0	0	3.01	1.47	.87	17+	T	0		6	3	0
nmare	81.2	50.8	66.0	.0	101	24	40	11		8	0	0	0	2.48	.57	.98	16	.0	0		10	1	0
stwood 12 N	79.6	49.8	64.7		98	25	40	28	93	7	0	0	0	3.36		.87	16+	.0	0		9	3	0
rmarth																							
dora 4 NNE	85.8	51.5	68.7M		101	25	36	11	37	9	0	0	0	1.55		.66	7	.0	0		6	1	0
tt	81.7	51.6	66.7	-1.3	96	14	38	11	46	8	0	0	0	1.72	- .04	.70	7	.0	0		9	1	0
w England	83.9	52.4	68.2	.4	100	24	40	11	36	8	0	0	0	.64	- .94	.38	7	.0	0		5	0	0
rshall	83.6	51.3	67.5	1.5	100	23	34	11	48	7	0	0	0	3.16	1.32	1.58	27	.0	0		8	2	1
rtal	80.9	52.1	66.5M	1.7	102	26	39	11		6	0	0	0	2.26	.30	.87	31	T	0		10	1	0
wers Lake 1 N	80.2	51.3	65.8	.0	100	25	36	11	80	6	0	0	0	2.95	1.27	.96	30	.0	0		9	2	0
chardton Abbey	84.2	55.1	69.7	1.2	97	14+	40	11	32	10	0	0	0	2.66	.82	.81	18	.0	0		9	2	0
nish	84.3	46.7	65.5	-2.1	104	24+	31	11+		9	0	2	0	3.18	1.58	1.65	27	.0	0		9	2	1
anley	80.5	50.0	65.3M		103	23	39	11	83	6	0	0	0	1.95	.05	.40	30	.0	0		8	0	0
n Hook	83.5	53.1	68.3M		103	23	36	11	44	9	0	0	0	3.36		1.61	27	T	0		8	2	1
tford City	83.4	53.4	68.4	.1	102	25	39	11	47	8	0	0	0	1.34	- .26	.37	2	.0	0		7	0	0
lliston WB City R//	81.2	54.9	68.1	2.0	101	25	42	11	53	7	0	0	0	2.45	.98	1.28	27	T	0		6	2	1
DIVISION			67.3	.3										2.27	.61			T					
STATE			67.5	.5										2.31	.24			T					

EVAPORATION AND WIND

ble 6

Station		Day of month: 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
wbells 5 E	EVAP	.41	.30	.13	.03	.22	.19	.28	.12	.22	.27	.23	.26	.29	.34	.33	-	.16	.17	.25	.23	.23	.18	.33	.26	.28	.31	.24	.07	.22	.26	.05	7.09B
	WIND	70	36	86	27	34	8	44	45	30	152	54	30	78	25	58	119	33	14	44	61	26	110	106	44	58	47	41	41	79	105	116	2022
vils Lake WB City	EVAP	.08	.33	.04	.09	.17	.21	.19	.22	.22	.25	.22	.22	.33	.35	.32	.16	.18	.19	.24	.28	.24	.35	.32	.32	.33	.24	.08	.11	.18	.06	.09	6.61
	WIND	27	50	39	29	22	21	34	46	37	52	61	43	44	39	52	42	37	18	21	46	27	69	76	66	60	46	39	40	47	32	69	1331
ckinson Exp. Station a	EVAP	.29	.25	.15	.16	.18	.18	.26	.15	.13	.11	.36	.12	.31	.25	.46	.12	.22	.26	.19	.21	.25	.26	.29	.37	.12	.11	.45	.18	.23	.12	.15	6.89
	WIND	60	110	135	125	30	70	90	140	50	80	90	60	50	60	125	95	20	115	85	65	75	165	155	120	55	95	110	80	150	120	120	2900
geley Exp. Farm	EVAP	.36	.37	.03	.21	.23	.32	.34	.21	.19	.35	.30	.39	.47	.43	.52	.69	.34	.40	.04	.37	.17	.27	.34	.40	.28	.02	.33	.15	.22	.22	.13	9.09
	WIND	23	43	28	98	31	38	17	54	82	59	75	58	37	46	86	48	9	52	38	33	42	39	92	99	97	73	29	79	36	98	75	1714
ndan Exp. Sta. a	EVAP	.20	.21	.21	.20	.13	.12	.17	.10	.19	.15	.25	.20	.17	.17	.33	.20	.20	.16	.13	.20	.22	.27	.33	.25	.19	.23	.21	.14	.23	.18	.18	6.12
	WIND	60	61	168	128	27	38	48	80	93	66	118	66	41	39	151	90	76	75	44	77	53	161	204	175	106	122	112	89	102	143	140	2953
verdale	EVAP	.33	.37	.35	.19	.23	.19	.20	.22	.22	.28	.21	.19	.42	.37	.34	.24	.23	.17	.30	.43	.29	.40	.43	.53	.33	.32	.32	.10	.22	.34	.30	9.06
	WIND	50	101	165	83	65	62	86	116	80	52	73	69	69	78	114	78	83	75	78	82	70	205	210	171	122	154	118	83	128	164	142	3236

Pan 6 feet in diameter, 24 inches deep, in ground 20 inches.

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
AUGUST 1952

Station		Total	Day of month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S		-	-	-	.61				.10									.09		T		T							.35		.10	T
ALEXANDER		1.71		.03					.02	.07																			.90		.25	.35	.09
ALMONT 7 SW		3.89		T	.02	.03		.02	.10	.19										.10						.05	.27	.21	T	.08	2.82	
AMBROSE		2.43		.08	T		.05		T	.06								.28								T		.08	.11	.55		1.22
AMENIA		1.57			.43					.10								.03										.41			.60	
AMIDON	R	.88							T	.36										.06	.07	.06		.05	.05					.14	.12	.08
AMIDON	R	.70							.17	.13																			.08	.06	.09	.06
ANTLER	R	2.19		.41	.05		.02		.22	.01							.08	.52			.03							.28		.07	.14	.36
ARVILLA STATE PARK		2.23	.11	.13	.64		.04	.08		.31								.08									.38	.37			.04	.05
ASHLEY		2.32		.07				.07	.09	.08								.04		.27						1.61		.03			.06	
RALOHILL OAM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RALTA		4.75	.02		1.23					.06								.18										1.69		1.05	.25	.27
RANTRY		-		-	-					.30								.33										.10	T		.45	-
REACH		1.28			.06				.02	.89							T													.11		.20
REACH	R	1.49		.10					1.04																					.11	.06	.18
RELCOURT INDIAN RES		2.41		.24	.11				.12	.17								.43	.35												.77	.1
RELCOURT INDIAN RES	R	2.65		.31	.04				.18	.10								.45	.41											.15	.72	.15
RELFIELD		2.45	T	T	.27	T	T		.53	.60	.06						.03			T				T		T	T			.68	.16	.17
RERTHOLD		3.02			.15				.01	1.08								.36	.01		.04							.59			.20	.58
REULAH		1.94			.10					.40								.62												.23	.54	.05
REULAH	R	1.94			.10				.06	.36							.61	.01												.25	.50	.05
RISBEE		3.85	.08	.08	.14		.01		1.58	.06								.35			.05						.06	.75		1.13	.06
RISMARCK WR CITY		1.70		.02	.06	T		T			.12							.31		.03	.03			T			T	.05	.01	.04	T	.53
RISMARCK WR AIRPORT	R	.61		.06	T		T		.08	.01					T		.02	.05	T	.02		T					T	.04		T	.31	.07
ROTTINEAU		2.15	.11		.48					.26		.04						.35				.03						.13	.02		.41	.30
ROWRELLS		2.63			.20	.05			.02	.57								.89			.09							.36	.02	.01	.15	.27
ROWRELLS 5 E		2.50			.16	.05	T		.03	.82								.87			.07			T				.23	T		.12	.15
ROWMAN COURT HOUSE		1.04						T	.29	.09								T		.27		.11							T	.18	.06	.04
ROWMAN 11 SE		.75	.05					T	.05	.03										.29		.20			.05			.04	.04			
ROWMAN 30 NNW		1.08	T						.29	.32																				.40	.07	
ARELEN	R	-		.05					.07	.04									.06	.92	.05	.02		.03		-	-	-	-		.54	
RUCHANAN	R	1.13	.03	.05			.02	.03		.10								.05	.09							.31	.29				.10	.03
RURT 16 N		2.35			.02				.64	.09																	1.28			.06	.26	
RUTTE		4.11			.27	.02				.47								.14									.20	.47		1.02	1.42	.10
CANDO	R	2.14		.14	.01				.23	.05							.03	.33									.07	.20			1.06	.02
CARRINGTON		2.10	.15		.30	.03				.38	.03							.14									1.03	.02	.02	T			
CARSON	R	2.79					.04		.72	.16	.22																.56	.04			1.05		
CARSON NO 2		2.47						.04		.74	.02	.21										.03		.02				.43	.07			.91	
CAVALIER		1.86	.11	.04	.85				.24	.01								.08		.03								.16			.05	.25
CENTER		1.56							T									.35		.03						T	T				1.10	.08
COLGATE		-	.03		.26					.86								.12		.02		.09					-				.44	.02
COLUMBUS		2.30		.03			.04		.09	.09							.06	.47	.03		.01				.01	.12		.10	T		.49	.76
COOPERSTOWN		2.61	.07	T	.91				.50	.05								.20				.30	T				.30	T		T	T	.58
COURTENAY		-	.12															.21				.77					1.55	.05				T
CROSBY		2.14		.02	T		.02		.04								.08	.23	.01									.20	.09	.52	.23	.70
CROSBY	R	2.32		.04					.05								.31	.04										.32		.52	.29	.75
DEVILS LAKE W B CITY	R	1.66		.36	.06		.01		.19	.03							T	.14										.66	T		.16	.01
DICKINSON CAA		2.50		.16	.01		T		.88	.76							T			.19							1.00		T	.04	.06	T
DICKINSON EXP STA		3.09			.06				T	.43	T						T	T	T		1.11									.01	.01	.07
DONNYBROOK		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRAKE		4.60			.16	.02				.09								.11										2.00			1.02	.20
DUNN CENTER		1.87		T	.02					.32								.69													.73	.08
ECKMAN		3.41	T		.95					.90								.50				.23						.10	T		.38	.35
EDGELEY EXP FARM		1.08			.30					.07								.27			.30	.05					.09				T	
EDMORE 1 W		1.84	.10	.08	.21		.03		.15	.03					T			.15	.03		T						T	.12			.90	.04
ELBOWOODS		1.30			T				.20	.20								.06													.76	.05
ELGIN 5 S		2.56		T	T		T	.01	.89	.63									.13	T		T	T		T		.10		T	.60	
ELLENDALE		1.43		.02	.04					.10							.06	.28		.05				T			.03	.40		.31	T	
ENDERLIN		.68	.02		.22					.26	.07							.01				T						.05			.03	.07
EPPING		1.84		.09	.01													.10			.19							.76			.40	.79
ESMOND	R	2.07		.44	.01					.09								.16									.24	.76			.29	.08
FAIRFIELD		3.08			.05	T			.17	.65										T				T			T	T	1.98	.09	.14
FARGO WB AIRPORT	R //	2.69	T	T	.86	T	T		T			T				T		.01	T	.01	T				T		T	.04		1.73	.54
FESSENDEN		2.58	.06		.44			.03	.74	.29								.26	.02								.05	.08			.49	.12
FLASHER		2.18								.57								.09			.35	.10						.30	.04			.82
FLAXTON		2.81		.06	.04	T	.01		.25	.49								.67		T								.38	T		.36	.55
FORRES 13 NW		1.38		.09						T								.10	T	.20	.55					.32	T			.12		
FORMAN		1.47			.08			T		.42		T						.12				.81						.04			T	
FORT YATES		1.34					.07		.72			.05								T			.30			.11					.09	
FORT YATES	R	1.31				.03	.02		.68			.05											.31			.12				.04	.06	
FOXHOLM 7 N		2.42			.54				T	.79							.02	.36			.16						T	.08			.11	.38
FRYBURG	R	2.24		*	.30		.05		.94	.33																					.54	.04	.04
FULLERTON		1.17		.05					T									.25		.68		T						T			.19	
GACKLE		2.47		.05	T				T									.10				.40			.80	1.07				.05		
GARRISON		2.61			T		T			.53	T	T					T	.02					T				.25			1.12	.62	.37
GLEN ULLIN 13 N		1.84		.08	.07	.03			.09	.35										.19						.16	.05			.82		
GOLDEN VALLEY 10S		.99							.03	.68																T				T	.28	
GRACE CITY	R	2.18		.40						.09								.22								.13	.86				.06	.07
GRAFTON STATE SCHOOL		2.60	.05	.03	.75	.01												.03				.01						.45				.27
GRAND FORKS CAA		1.79	T	.23	.10		T	.18	.15	T								.09			.15						.42	.23		T	.23	.01
GRAND FORKS UNIV		1.92	.02	.11	.02	T	T	.18		.20						T	T	.10	.04		.38						.54	.24			.09	T*
GRAND RAPIDS 1 N		2.30		T	.20				.03	.21								.07		.05		1.06		.06			.02	T	T	T	.60	
GRANVILLE		4.88			1.79					.59								.29	.02		T						.01	.95			.98	.25
GRASSY BUTTE	R	2.67		.05			.05	.03	.80	.23							.12						.21				.08	.26			.12	.37	.35
GRASSY BUTTE 10N		1.07		.01					*	.60								.16													.30	
GRENORA		2.32							.10	T							.10	.31	.13	.12	.10		T					.14	.09	.13	.74	.36
HALEY	R	1.24							.04											.12		.19	.71					.08	.03			.07	
HALLIDAY		2.13							.16	.75								.70											.10		.04	.38	
HALLIDAY	R	2.18							.15	.75							.69	.02											.10		.10	.37	
HANKINSON R R STA		4.42	.10		.34	.03	T			2.03	.40							T				.79								.15	.04	.54
HANNAH		2.35	.17	.40	.40			T	.16	.17								.20			.05				T			.23			.50	.07
HANSBORO		3.07		.17	.08				1.17	.19								.32		.03		.01					.10				.59	.61
HARVEY 3 NE		-			-					.15								.14	T									.90		T	.17	.13
HAYNES 6 NE	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HETTINGER		3.01		T					.66										.87	.87		.07							T	.07	.47	
HETTINGER 17 N	R	.95							.23	.02									.13							.26			.04	.22	.05	
HILLSBORO		2.75	T	T	1.24	T	T			.42								.04	.02		.04						.78	.01			.02	.8
JAMESTOWN CAA		.81		.05	T		T		.01	T								.05	.04		.15		T	T		.10	T	.01		T	.38	.02
JAMESTOWN STATE HOSP		.66	.02	.06	.07	T			.03									.07		.02		.19				.05	.08	T		T	.07	
KEENE 2 S		2.75		T	T		.01	T	.34	.43								.26								T		1.03			.28	.40
KENMARE		2.48	T		.09	.01	T			.37								.98			.10	.11						.23	.07		.17	.35
KENMARE	R	2.70		.05	.05				.33	.02							.75	.22			.21							.30			.17	.28	.37
KENSAL WILDLIFE REF		4.82	.11	.04						.46								.12									4.00	.05				.04
KILLDEER 8 NW		1.61							T	.46								.42										.28			.27	.18
KULM		.75		.10												T		.33										.30			.02	
LANGDON EXP FARM		2.49	.15	.52	.15	T	.03		T	.10								.18		.04	.04							.15			.10	.03
LANSFORD		2.05		.06	.17		T			.52								.65			.07							.10			.18	.35
LARIMORE		2.99			1.00		.17	.04		.09								.10									1.02	.42			.09	.06
LEEDS		2.00		.26	T		.01			.15								.24						.03			.16	.15			.90	.10
LEFOR 10 F		1.61			.01				.77	.31							T		T								.35		.06		.11	
LINTON		.37		T	T			.05	.20	.05									T	.05						.02				T		.20
LISBON		3.39	.25			.44				1.20											.80	.50									.10	.64
LITCHVILLE		.37	.05		.05				.02	T								.07		T		T					.04	T			.87	.58
LOSTWOOD 12 N		3.36		.03	T				.18	.27							.30	.87	T		.15							.11	T		.97	
MADDOCK AGR SCHOOL		2.52	.09		.53	T			.30	.17								.19	T									.97			.20	.07
MANDAN EXP STATION		.60		.03		.05				.06	.06							.02		T	.02			T			.01	T	.04	T		.31	
MANDAN FT LINCOLN PARK		1.00		T	.10	T			.09	.04							T	.01	.01	.03				T			T	T			.70	.02
MANNING	R	1.96							.53	.14								.01										.04		*	*	1.24

See reference notes following Station Index.

DAILY PRECIPITATION

able 3—Continued

Station		Total	Day of month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARTH		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MARTH M D U CO	R	2.44					.02		.05											1.48		.25					.27			.17	.01	.09	.08
TIN		2.06			.32			T		.27											.03						T	1.24			T	
		5.07			.33	.03				1.09		.03						.12										1.50	T		1.19	.78
VILLE		2.78	.07		1.04	T				.22								.17			.13						.98	T			.15	.01
CLUSKY		1.78								.10								.31						.01							.71	.15
HENRY 5 N		1.76	.08		.31		T			.02								.18	.02								.84	.07		.04	.13	.07
LEOD 3 E		1.47			.80													.02		.03		.60						.03				
VILLE		2.60	.02		.72				.18	.30								.15									.57	.35			.28	.03
INA 1 W		5.83		.07														.19		.30		.79				.75	4.04	.07		.12		
ORA	N	1.55		.10			.02		1.31	.05														.03						.04		
ORA 4 NNE		1.44			.18				.66		.41						T													.75	.03	.02
ORA 23 NNW		.60		T	.07				.12	.25																T					.05	.20
VILLE	N	5.69			.05				.02	.46								.57									1.17	3.10				.18	.14
OT CAA		3.64		1.15	.01		T		.12	.52							.31	.16	T		T							T	.44		.14	.34	.45
OT EXP FARM		2.97		T	.86					.42								.19			T							.03	.79			.45	.23
FIT 4 SE		1.49		.15					.19	.03								.55		.15	.01			.01					.03	.01		.32	.04
ALL		2.60		.12	.08				.10	.68							.26	.40			.21								.23			.10	.42
TPELIER		.70	.02	T	.07	.03			.13									.09		.04		.23		T			.06	.03	T			T	
		1.72		.08	T				.70	.11	.15							T	T	T		.03					.05	.38		T	.09	.13	
ICH 4 SW		3.00	.19	.28	.09		T		.49	T								.21	T	.01	.02							.31	.14			1.26	
OLEON 1 SE		1.69		.13		T			.03	.03							T	.44		.21							.74	.01	.04		.04	.07	
OLEON 1 SE	R	1.69		.13					.03	.03								.44	.15	.03							.77	.01	.04		.04	.02	
ENGLAND		.64							.38	.10																		.06			.04	.06	
ROCKFORD 7 WNW		3.54	.12						1.37	.29								.14	.02								.04	1.01				.48	.07
SALEM 1 S		1.61		.09	.05				.11						.15												T			.03	1.18	T
VAN		3.08							.17	.30							.04	.38										.08		.23		1.10	.78
TMGATE	R	2.76		.32					.45								.25	.17										.57		.05	.20	.08	.67
TONVILLE		1.73			.05						.05							.10		.24		.55					.74						
ES		1.57			.47			.02		.38		T						.19		.02		.44						T				.03	.02
K RIVER		1.45	.18	.16	.39					.01								.03				.02							.30			T	.36
SMALL		3.16		.03			.01		.01	.81								.15										T	1.58			.26	.31
INA 2 N		1.83	.05	.82	.53		T											.10											.17				.16
ERSBURG		2.40	.08		.84	.02	T			.25								.26										.43	.31			.15	.06
TIRONE		2.42		.11						.05								.13		.05	T			.10			T	1.74				.19	.05
TIRONE	R	2.76		.11						.05								.13		.05							1.65					.16	.11
GREE		2.97	.08	.10	T	T				.31								.26	T		.20							2.02	T			T	T
TAL		2.26		T	.20	.02	.07		.07	.19								.36									.07		.11			.30	.87
ERS LAKE 1 N		2.95		.04	T				.28								.02	.30	.05		.22								.45			.46	.63
TTY ROCK		4.51	T						.74	.18	.08		T			T		T	.26	.08	T		T	T				T	1.07			2.10	
DER		2.06							.46										.18	1.00		.15									.27		
DER 14 N		.81								.21									T		.02	.10									.41	T	.07
HAROTON ABBEY		2.66		.07	T		T		.30	.66							T			.81								.47	.13		.06	.15	.01
HAROTON ABBEY	R	2.59	.03	.04					.25	.62										.83								.60		.06		.15	.01
ERDALE		3.96			T	T				.67	T		T					.05						T					.88	T	T	1.37	.99
LA		1.88		.27	.06				.17	.09								.38	.05		.03							T	.11			.64	.08
AY		4.10			.16				T	.11		T						.32			T							T	1.01			2.25	.25
ER		5.13			.26					1.22							.02										.82	.12	1.70	.12		.65	.22
ER	R	5.14		.25						1.20																	.90	.10	1.70		.44	.21	.34
HAVEN		2.04	.27	.21	.09		.03		.05	.24		T						.40	.03		T			T					.17	T		.45	.10
ISH		3.18			.10	.02		.01		.30								.04											1.65	.04		.90	.12
ANTON		–							.35	.51									.08	1.05		.32							.07	.05	–	–	–
RIDGE 11 W		3.10					.05		2.94			.05																				.06	
TINEL BUTTE 20 S		1.06		T	.04				.11	.40								.07						.04		.02				.73	.15	
ION		2.17		.08	.80				.03	.35								.24										.35	.03		.02	.27	
RWOOD 3 N		2.08		.36	.07		.01		T	.28							.05	.70			.03								.28	T	T	.20	.10
YENNE	R	2.30		.35	.05				.27	.07							.01	.19										.02	1.04			.20	.10
LDS		1.58						.14	.45	.10																			.44			.45	
NLEY		1.95		.34	T		T			.30								.28	.03		.13								.14			.40	.33
NLEY	R	1.88		.37					.25	.04							.02	.23	.03		.10								.15			"	.69
ELE		.44		T		T			T	.07					.03			.11		T											.17	.06
ESTON		1.68			.23	.03				.38														.01				1.03	T				
JS		3.54			.03		T		.05	1.50							T	.75	.02		.04							T	.22			.18	.75
GA		2.82		.15						.10								.21	.15		.21								.90		.20	.50	.40
EY 5 NNE		3.16		.31	.03		.04		.12	.55								.76			.15								.27	T	.07	.10	.76
NER		4.50							.13	.17								.40											.90			2.68	.22
TTERS 6 WNW		1.58		.36	.22		.02		.44	T							T														.12	.02	.40
LE LAKE		1.91			.02	T				.28								.17											.14		.41	.71	.18
LE		.70		.04	.02					.09	.01						T	.25	T		T	.04		.01					.05		.02	.05	.12
RWOOD		3.11			.01	.06				.09	.02							.10											.70			1.07	1.06
AM 3 N		3.87		T	.53		T		.30	.03								.54			.08							.04	.12			1.85	.38
EY CITY		1.04		.17		.01	T			.06							.02		.24		T										.01	.53	
HOOK		3.36			.01			.02	.06	.32								T			T								1.61		.43	.55	.36
VA		5.02			.37	.02				1.00								.23									T	.05	1.92			1.36	.07
ONA		.88							T	.58									.04	.02		.16			T	T					T	.08	T
PETON STATE SCHOOL		2.80			.89	T		.04	.07	.30										.24		.35							.13			.13	.65
MALLA		3.85	.25	.09	.85				.06									.15	.25										.15			2.05	
VICK		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
BURN		1.15		T	.04		T		T	.03								.20													.02	.74	.12
BURN WATER WKS	R	1.54			.06					.03							.21	.02													.03	1.01	.18
UGA 8 N S OAK		.99							.35	.09									T			T						T				.55	
ORO CITY		1.34		.37			T		.30	.10								.06											.28		.08		.15
ORO CITY 11 E	R	1.82		.03					.36	.06							.13	.02						.02			.40		.27		.21	.02	.30
THOPE		3.45		.25	.03				.10	.70								.62			.03								.16			1.04	.52
ROSE		4.09		.26	.02				.30			.09					.60	.67	.05						T				.11			1.12	.87
LISTON WR CITY	R //	2.45		T	T		T		T								.03	T	T		.11						.02	T	1.28	T		.96	.05
LOW CITY		3.06		.03	.07				.16	.34							.13	.32			.38							.10	.08			1.29	.16
TON RR STATION		1.37			.01	.16					.01							.21						.03					.01		.06		.88
MEK		1.18		.04	T	.02			T									.14	.09	.03							.28	.54	.04			T	
OWORTH 5 E		3.79		.16		.04				.20								.11	.03									3.16			.02	T	.07
		1.86		T	.04				.05								.10	.52	.18		.14						T		T	.01	T	.23	.59

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	95	86	76	76	86	87	75	74	84	73	76	85	95	102	79	81	92	91	90	88	85	94	94	95	96	95	82	79	82	72	58	84.
	MIN	59	65	58	53	51	52	61	50	48	52	39	38	55	65	51	5.	50	51	52	54	54	58	63	68	68	59	64	48	54	53	44	54.
AMENIA	MAX	88	83	72	75	78	80	82	77	80	75	75	85	91	99	77	78	82	88	92	83	78	80	90	90	89	80	83	74	81	81	65	81.
	MIN	62	55	61	53	51	54	51	51	54	53	44	45	53	58	60	53	44	55	55	59	48	55	54	58	65	65	62	55	47	63	50	54.
AMIOON	MAX	93	92	85	70	77	86	89	78	71	86	79	78	88	99	100	83	99	94	93	92	84	94	100	95	97	98	90	77	81	84	62	86.
	MIN	57	64	52	49	45	50	61	52	49	39	36	36	46	52	41	40	42	39	43	56	39	42	50	58	61	59	65	48	52	51	41	48.
ARVILLA STATE PARK	MAX	88	78	65	73	79	80	82	74	80	72	71	83	90	100	84	74	80	89	91	79	76	83	93	91	90	80	79	74	78	75	68	80.
	MIN	58	48	57	48	50	52	49	57	42	53	43	48	46	53	53	48	39	47	48	53	52	42	61	62	63	68	60	52	43	63	50	51.
ASHLEY	MAX	93	75	74	74	86	83	87	78	79	71	71	83	92	101	85	79	85	86	90	82	81	85	91	85	75	86	79	76	78	81	69	81.
	MIN	55	61	61	53	49	56	59	57	42	51	37	46	51	51	58	55	42	50	49	55	50	50	56	56	62	58	65	51	52	61	45	53.
BALOHILL DAM	MAX																																
	MIN																																
BEACH	MAX	95	92	86	67	78	84	89	81	70	82	65	72	80	90	91	80	75	83	85	86	83	85	97	98	99	100	87	75	80	87	59	83.
	MIN	56	62	54	48	45	49	58	56	48	53	38	39	47	56	52	49	49	51	54	57	56	58	60	64	58	61	61	40	45	56	44	52.
BELCOURT INDIAN RES	MAX	84	73	59	70	74	76	76	69	76	66	70	76	86	94	75	67	78	79	80	72	72	85	92	90	91	88	75	74	77	71	59	76.
	MIN	49	49	50	51	45	39	47	49	36	41	39	40			43	47	35	41	47	47	44	53	51	62	62	61	54	50	49	53	46	47.
BELFIELD	MAX	91	85	78	81	83	87	82	76	81	71	74	79		93	81	82	83	84	85	83	85	96	97	99	96	86	75	79	85	71	56	82.
	MIN	53		54	51	45	51	62	53	49	52		51	52	49	52	53	49	48	45	56	48	52	59	59		56	52	42	55	53	44	51.
BISBEE	MAX	86	75	62	73	77	83	70	70	78	70	71	80	89	96	75	69	80	82	82	72	74	89	95	93	95	90	73	74	78	73	63	78.
	MIN	57	50	55	52	50	52	53	53	55	48	40	46	52	53	52	51	46	51	52	52	45	53	57	62	64	62	58	48	48	57	47	52.
BISMARCK W8 CITY	MAX	92	90	84	72	74	81	85	77	73	84	75	74	84	93	98	78	73	84	85	89	83	83	89	92	91	86	89	81	79	82	73	83.
	MIN	60	60	59	53	51	57	61	54	47	57	44	44	48	58	56	54	48	51	56	60	49	61	63	67	٤٠	64	67	54	55	61	49	56.
BISMARCK W8 AIRPORT	MAX	92	84	74	73	83	86	81	75	84	72	75	84	94	101	77	75	85	88	89	85	85	92	95	94	88	89	82	80	84	7'	60	83.
	MIN	57	64	56	51	47	55	59	51	42	47	41	41	47	58	56	52	46	51	55	56	48	61	63	68	67	62	55	53	54	5.	48	53.
BOTTINEAU	MAX	92	81	69	61	71	77	79	80	70	77	64	72	80	90	95	73	69	79	82	84	76	76	89	97	93	94	87	69	75	79	73	79.
	MIN	53	55	52	51	51	46	58	52	42	42	39	39			46	48	44	48	58	52	50	55	63	61	66	60	62	49	51	54	48	51.
BOWBELLS	MAX	94	90	73	59	78	78	83	78	71	78	69	74	83	90	90	74	69	81	82	83	71	79	93	99	96	100	83	65	80	84	67	80.
	MIN	55	56	53	51	53	43	55	50	45	47	38	44	53	57	40	41	49	48	48	44	45	54	64	67	63	57	56	43	52	54	48	50.
BOWBELLS 5E	MAX	92	88	73	59	75	75	79	78	68	76	64	71	79	81	88	66	68	78	78	81	74	75	90	96	91	94	80	64	77	79	65	77.
	MIN	55	50	52	48	53	43	60	51	45	48	37	45	56	57	41	46	49	48	59	43	46	53	64	65	63	55	56	45	51	55	48	51.
BOWMAN COURT HOUSE	MAX	96	85	81	79	88	89	86	73	79	80	68	81	92	95	90	79	87	82	85	84	84	95	95	99	98	93	90	81	83	80	60	85.
	MIN	58	62	51	40	48	50	60	51	45	48	35	45	48	51	52	47	49	50	50	52	50	52	56	56	56	56	62	47	50	49	40	50.
BUTTE	MAX	89	88	85	61	72	78	80	82	69	78	64	70	78	87	96	75	68	81	83	86	76	80	90	96	92	89		76	78		59	79.
	MIN	55	56	53	53	53	45	46	50	50	50	45	46	51	60	49	49	46	48	48	50	42	42	60	61	58	57	53	52	54	46	45	50.
CARRINGTON	MAX	91	89	84	64	72	80	81	78	71	76	79	79	82	92	99	77	72	81	86	88	80	81	87	94	91	89	88	76	73	80	79	81.
	MIN	51	52	54	52	52	51	47	51	47	45	41	41	53	57	51	49	45	46	46	48	44	50	42	61	61	62	60	52	51	53	45	50.
CARSON NO 2	MAX	92	92	88	74	75	87	86	74	69	80	69	89	80	91	98	77	75	87	85	87	82			92	94	93	91	78	77	80	65	83.
	MIN	67		57	50	53	54	64	52	50	55	40	51	52	68	52	52	51	52	56	57	54	60	63	65	65	66	63	48	53	52	45	55.
CAVALIER	MAX	87	79	66	75	77	79	87	72	80	77	73	76	93	102	90	72	82	87	88	83	75	86	99	94	95	89	78	74	78	76	67	81.
	MIN	57	49	55	50	53	50	51	55	47	53	45	50	46	54	54	53	45	55	52	56	45	52	63	65	64	64	61	52	44	64	53	53.
CENTER	MAX	92	85	77	74	80	86	77	70	82	68	72	82	92	98	79	70	86	88	90	81	85	91	90	94	94	94	79	84	82	74	60	82.
	MIN	53		51	55	42	53	54	54		56	35	47	45	53	50	50	43	45	50	56	43	48	56	64	65	60	56	44	55	51	46	51.
COOPERSTOWN	MAX	88	87	69	72	75	77	89	70	78	78	70	82	90	99	96	75	80	85	88	79	77	85	93	90	90	81	76	76	79	79	70	81.
	MIN	57	54	57	50	48	50	55	53	44	55	42	44	47	59	55	53	43	52	56	52	47	53	61	63	61	62	63	54	49	63	47	53.
CROSBY	MAX	90	86	69	77	76	85	83	71	87	73	74	83	89	84	69	70	80	87	85	77	85	98	94	100	103	95	87	81	89	68	55	82.
	MIN	56	58	52	50	55	48	60	54	43	49	42	44	53	57	45	47	45	49	60	49	49	61	59	52	53	58	54	41	58	51	45	51.
DEVILS LAKE W 8 CITY	MAX	87	77	60	70	77	79	88	70	80	66	72	81	90	99	76	70	80	84	88	77	77	87	96	93	95	86	74	70	79	74	59	79.
	MIN	57	52	55	52	54	52	57	53	47	49	43	50	57	60	52	52	48	50	56	53	47	54	63	66	65	63	55	53	52	57	48	53.
DICKINSON CAA	MAX	93	86	67	78	85	87	72	70	82	67	70	79	90	96	77	74	85	86	86	82	85	96	95	99	92	90	76	79	84	65	56	81.
	MIN	56	60	55	53	50	52	58	53	49	45	42	46	55	60	51	48	54	51	55	57	53	60	62	62	63	58	54	48	55	46	41	53.
DICKINSON EXP STATION	MAX	94	94	87	69	74	82	88	76	71	87	69	73	81	91	97	69	75	86	87	86	81	85	95	95	97	94	90	75	79	84	65	83.
	MIN	53	64	55	54	45	52	62	53	45	54	35	36	49	49	53	50	49	46	52	55	53	60	61	61	58	60	59	45	56	56	45	52.
DRAKE	MAX	90	88	84	65	73	77	80	81	70	80	65	72	80	89	98	75	70	82	84	88	78	80	90	96	93	96	90	69	76	78	66	80.
	MIN	58	57	55	55	53	51	59	52	47	49	41	43	55	65	47	52	47	50	51	48	46	58	65	67	67	62	60	53	54	55	47	53.
DUNN CENTER	MAX	94	94	89	67	77	84	87	81	73	83	70	72	81	91	96	78	71	83	84	87	82	86	96	99	98	97	90	77	81	85	66	83.
	MIN	51	58	53	54	40	48	54	52	42	48	35	38	47	47	49	47	43	45	48	49	45	48	60	60	58	58	61	38	40	50	45	48.
ECKMAN	MAX	93	88	75	73	74	77	80	77	73	78	65	72	80	88	95	73	74	80	82	83	76	78	91	99	94	97	82	68	77	80	60	80.
	MIN	50	58	53	50	53	46	57	53	43	45	38	41	53	55	42	48	40	44	51	44	44	51	61	65	65	55	56	42	54	53	45	50.
EDGELEY EXP FARM	MAX	93	92	72	73	73	87	85	90	74	82	77	74	84	94	101	84	81	82	92	83	80	78	86	92	90	79	87	87	77	82	84	83.
	MIN	54	58	61	47	45	53	52	60	41	55	38	52	48	64	56	51	40	50	52	55	53	54	54	57	61	56	61	55	45	61	46	52.
EDMORE 1 W	MAX	87	74	63	72	77	78	85	72	80	76	72	81	93	100	81	72	80	85	90	78	77	85	98	92	96	86	76	70	79	74	70	80.
	MIN	50	47	53	42	47	44	50	52	41	46	37	41	47	57	46	48	38	45	49	42	39	48	60	68	62	63	58	48	48	61	46	49.
ELBOWOODS	MAX	95	90	84	84	80	86	85	70	80		73	81	90	95	84	70	84	86	89	83	81	95	100	97	99	89	76	84	84	74	57	84.
	MIN	68	60	56	48	48	54	50	54	42	47	38		61	53		49	46	45	55	51	46	57	68	64	64	57	57	42	56	51	50	53.
ELLENDALE	MAX	95	88	77	75	89	87	92	78	84	80	74	88	96	105	96	84	83	88	96	89	84	87	92	90	86	91	89	79	82	83	73	86.
	MIN	62	62	64	51	47	48	57	62	46	58	42	42	53	62	62	57	45	56	56	52	48	57	57	63	67	58	67	55	50	64	49	55.
ENDERLIN	MAX	95	90	85	75	75	85	83	90	73	82	78	76	86	94	101	80	85	82	93	92	85	79	85	92	90	88	85	84	79	82	84	84.
	MIN		55	58	50	47	50	52	57	42	45	39	42	48	56	55	57	42	52	54	55	45	46	57	59	63	63	64	55	45		47	51.
EPPING	MAX	94	92	75	78	82	88	82	84	78	81	75	84	91	91	75	73	82	89	85	80	85	98	97	102	104	93	81	80	86	80	52	84.
	MIN	56	62	53	53	54	50	51	46	52	47	35	44	54	60	42	48	53	49	59	49	51	61	65	60	72	60	57	45	57	52	47	53.
FARGO W8 AIRPORT	MAX	88	84	71	73	77	78	87	73	80	74	73	83	90	97	77	77	79	90	89	82	75	81	89	89	89	80	82	70	80	77	65	80.
	MIN	61	57	56	52	55	58	57	53	46	50	44	46	57	63	58	53	46	59	59	55	47	54	61	61	66	65	63	51	46	61	51	55.
FESSENDEN	MAX	89	86	77	72	77	80	86	72	80	78	72	82	91	99	91	73	82	86	89	84	79	89	94	92	93	86	83	75	80	79	66	82.
	MIN	53	52	52	49	49	48	57	49	41	48	38	40	49	58	56	50	41	46	49	45	42	53	61	63	62	59	60	50	49	59	40	50.
FORMAN	MAX	90	85	75	75	85	83	91	81	82	79	74	84	94	100	96	85	81	89	95	85	79	8%	90	88	87	89	84	75	82	87	75	84.
	MIN	60	59	63	32	52	58	57	59	44	54	41	41	56	64	62	56	45	54	56	59	48	58	61	62	68.	61	64	56	47	65	48	55.
FORT YATES	MAX		83	78	74	88	85	89	73	82	73	72	83	93	102	90	79	86	88	93	87	88	91	92	91	85	94	83	83	80	78	71	84.
	MIN		67	60	54	45	58	59	55	41	59	41	41	55	58	58	59	45	52	49	53	47	52	48	61	67	60	69	55	54	56	47	54.

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

NORTH DAKOTA
AUGUST 1957

Station		Day Of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
OXHOLM 7 N	MAX	93	88	67	75	78	80	80	72	77	76	72	81	88	93	81	68	80	85	84	82	82	94	100	97	100	88	83	79	83	76	60	82.0
	MIN	55	54	53	53	53	46	55	56	47	52	44	44	56	56	50	50	46	45	54	50	41	53	68	68	60	64	58	45	53	50	49	52.5
ULLERTON	MAX	95	85	75	76	88	84	95	77	85	80	74	87	94	104	87	82	82	88	92	82	80	87	93	90	85	89	89	78	83	85	70	85.2
	MIN	60	64	61	50	46	56	57	62	42	58	39	45	53	62	60	55	43	53	56	57	47	57	57	61	64	57	65	53	48	65	47	54.8
ACKLE	MAX	90	88	71		84	86	89	75	81	80	72	82	92	100	90	75	84	90	95	85	88	90	91		86	85	76	83	76	79	68	83.4
	MIN	51	54	61	51	49	51	56	56	51	46	41	46	53	64	56	55	45	54	55	54	53	63	61	62	61	64		53		58	44	54.1
ARRISON	MAX	92	87	66	75	81	84	82	78	81	68	72	81	90	97	75	71	84	88	89	81	83	94	98	95	97	91	77	78	79	68	54	81.8
	MIN	55	60	54	54	51	52	57	52	48	49	40	44	57	59	49	49	44	50	54	52	49	58	66	66	66	60	51	46	55	50	45	53.0
RAFTON STATE SCHOOL	MAX	88	87	66	74	[illegible]	78	86	79	80	67	74	82	92	102	98	75	81	87	88	85	79	83	95	96	92	87	79	71	77	74	73	82.4
	MIN	52	46	53	48	50	48	50	55	43	49	40	48	44	52	54	50	39	48	52	52	44	52	60	60	60	61	58	50	46	60	49	50.7
RAND FORKS CAA	MAX	87	80	63	76	79	80	87	72	[illegible]	66	72	83	91	100	76	75	79	88	92	79	76	82	92	92	91	75	76	70	77	78	64	79.9
	MIN	57	50	52	50	50	51	51	52	[illegible]	49	44	48	50	58	55	49	43	53	55	53	42	51	60	61	63	59	59	53	51	62	50	52.5
RAND FORKS UNIVERSITY	MAX	89	78	62	70	78	78	85	71	78	67	73	82	91	100	83	76	76	85	91	82	73	80	90	90	89	75	78	68	78	76	64	79.2
	MIN	57	49	59	59	51	53	51	52	45	53	42	47	50	57	57	54	45	55	57	54	43	42	63	64	64	57	57	52	54	60	53	53.5
RAND RAPIDS 1N	MAX	91	86	76	74	85	85	91	75	83	77	76	85	94	101	94	74	82	91	94	91	89	87	91	88	85	90	91	79	83	83	77	85.4
	MIN	56	65	66	48	42	58	52	56	39	52	36	42	50	62	58	52	40	54	51	56	46	56	59	62	65	67	64	55	49	65	50	54.0
RANVILLE	MAX	91	80	78	73	77	79	81	73	80	73	72	80		98	80	69	81	80	87	82	82	93	100	96	97	91	75	75	80	79	64	81.5
	MIN	54	56	53	54	53	50	59	55	46	56	41	44		58	46	52	46	50	54	55	45	58	70	67	66	60	59	50	54	54	49	53.8
RENORA	MAX	91	89	83	80	78	87	86	72	82	73	75	82	89	93	74	70	78	89	83	78	80	98	93	99	103	86	79	81	89	80	53	83.0
	MIN	57	63	55	53	56	49	63	51	43	44	38	44	53	56	57	47	52	50	60	46	51	61	60	54	55	56	53	40	56	50	46	52.2
ANKINSON R R STATION	MAX	92	90	85	74	73	85	81	85	72	80	77	73	84	91	97	77		82	91	92	81	76	80	94	89	89	85	82	72	82	86	83.2
	MIN	57	59	66	53	53	56	56	62	49	50	45	50	54	56	55	53	49	54	57		51	52	59	58	63	62	63	59	49	54	54	55.3
ANNAH	MAX	86	70	60	70	74	76	82	78	72	74	78	80	88	96	90	70	78	82	85	75	72	85	95	90	94	89	78	71	77	76	65	79.2
	MIN	52	45	54	44	51	43	53	50	47	41	38	39	37	52	45	43	46	47	49	46	39	52	61	64	65	62	53	51	48	57	48	49.1
ANSBORO	MAX	82	64	60	72	74	77	75	69	76		70	78	85	93	76	67	82	82		77	72			94	91	87	72	75	78	73	65	76.5
	MIN	54	49	53	50	51	44	52	51	44		42	45	51	57	46	51	47	52		50	41			61	62	60	54	47	48	53	46	50.4
ETTINGER	MAX	95	84	76	79	87	87	84	69	82	73	71	82	92	98	85	77	82	77	85	78	82	92	89	94	93	84	78	87	82	76	61	82.6
	MIN	57	61	56	51	59	51	61	59	50	49	39	49	53	60	55	53	55	55	55	56	55	57	61	64	65	66	48	52	55	52	46	55.0
ELLSBORO	MAX	88	81	71	70	78	78	87	72	78	80	72	82	91	98	76	78	79	86	90	83	82	82	91	90	89	78	80	76	78	78	62	80.8
	MIN	57	53	52	51	57	54	52	54	46	48	44	44	46	56	56	53	46	54	55	56	55	54	62	68	64	62	63	56	48	62	49	54.1
EMESTOWN CAA	MAX	90	86	66	72	83	81	89	76	82	74	73	83	93	100	78	78	82	89	91	85	79	87	95	92	85	84	83	75	83	82	64	82.6
	MIN	58	57	56	48	45	51	53	49	41	44	38	48	47	60	55	47	39	51	52	52	41	56	58	63	64	63	57	52	50	59	48	51.7
EMESTOWN STATE HOSP	MAX	89	87	69	72	83	84	94	75	83	78	74	84	94	102	97	75	83	89	94	84	79	87	95	92	85	85	84	76	82	80	72	84.1
	MIN	58	57	59	50	49	53	54	57	43	55	40	48	45	61	56	54	42	53	52	54	46	57	59	64	65	63	64	53	53	60	48	53.9
ENMARE	MAX	94	92	78	60	78	78	85	76	70	79	67	74	84	90	93	70	72	82	83	84	77	80	93	101	96	100	85	67	82	81	65	81.2
	MIN	57	54	51	42	54	42	50	50	45	48	40	47	54	62	43	48	50	47	51	46	45	48	60	67	62	57	58	45	50	55	48	50.8
ENSAL WILDLIFE REFUGE	MAX	90	89	68	73	78	84	88	73	80	72	75	83	93	100	84	77	83	87	90	72	80	85	92	89	85	81	81	74	81	81	66	81.7
	MIN	52	52	55	53	45	47	53	48		41	38	48	47	54	53	50	40	46	53	47	41	56			58	62	62	53	53	64	46	50.6
ENGDON EXP FARM	MAX	85	75	63	70	76	78	84	70	77	76	70	79	88	98	90	73	78	85	85	83	78	82	96	94	95	88	80	72	78	77	65	80.3
	MIN	53	46	52	43	50	44	54	51	43	47	38	42	50	56	45	51	40	49	54	48	40	51	63	64	66	63	59	50	47	59	47	50.5
ERIMORE	MAX				73	76	77	84	71	78	75	72	82	91	99	86	75	78	85	89	81	74	83	93	91	91	84	73	73	77	74	67	80.4
	MIN				50	51	53	54	57	44	53	43	50	49	59	54	55	44	53	54	55	44	51	60	62	63	60	63	55	48	64	49	53.5
EOS	MAX	91	87	70	74	80	84	85	75	88	80	75	84	93	101	92	75	83	88	89	80	81	90	96	95	98	95	74	72	82	74	63	83.7
	MIN	54	53	54	53	52	44	57	51	44	47	38	45	56	58	48	50	44	45	51	47	39	52	59	62	64	61	61	52	50	56	45	51.4
NTON	MAX	94	84	75	72	87	87	88	73	82	78	74	85	93	101	86	77	87	90	93	86	85	90	92	93	88	90	85	80	83	83	70	84.9
	MIN	56	65	60	53	46	58	63	57	39	53	37	39	50	58	58	57	47	47	52	57	50	61	60	65	68	60	69	48	55	55	45	54.5
S8ON	MAX																																
	MIN																																
STWOOD 12N	MAX	92	84	66	75	76	83	72	69	77	76	72	73	85	90	78	67	77	80	82	76	80	92	97	95	98	90	81	78	81	69	58	79.6
	MIN	52	54	51	50	51	42	60	51	42	46	48	41	52	57	41	41	46	44	51	48	42	56	58	60	61	59	53	40	54	48	44	49.8
OOCK AGR SCHOOL	MAX	89	84	73	72	78	81	87	73	78	77	71	81	90	97	91	73	81	86	90	84	77	90	96	95	96	89	79	73	77	74	65	82.2
	MIN	54	54	56	54	50	48	55	51	46	51	42	42	51	55	47	51	42	48	50	46	44	56	61	65	63	63	63	54	52	59	46	52.2
NOAN EXP STATION	MAX	91	90	82	72	73	82	84	81	71	82	70	73	83	93	100	75	73	86	87	89	82	85	93	95	94	92	91	80	78	86	73	83.4
	MIN	57	63	58	52	48	56	56	53	43	55	41	43	47	58	55	53	44	49	51	58	46	60	62	66	67	60	65	51	55	56	47	54.0
NOAN FT LINCOLN PARK	MAX	95	84	77	75	86	85	83	73	89	81	76	87	99	104	85	76	88	90	91	83	87	94	98	96	92	93	82	81	86	76	62	85.6
	MIN	59	62	57	50	46	54	55	52	42	55	42	43	57	57	55	51	45	45	52	58	56	60	61	57	67	62	65	50	56	57	46	54.0
RMARTH	MAX																																
	MIN																																
X	MAX	84	86	86	70	75	78	85	82	68	80	62	72	81	91	97	77	82	84	87	86	78	84	94	98	94	95	84	72	72	74	65	81.4
	MIN	58	56	53	53	51	53	58	53	47	51	41	46	48	58	49	51	47	47	56	56	51	51	59	64	65	61	62	51	50	51	52	53.2
YVILLE	MAX	89	79	69	74	78	77	88	80	78	72	71	82	90	99	81	78	78	90	84	85	74	81	91	90	88	81	77	75	79	75	65	80.6
	MIN	58	54	59	50	53	54	53	58	47	58	45	47	52	60	55	55	46	55	57	55	54	51	62	61	61	61	62	56	48	64	50	54.9
CLUSKY	MAX	88	87	80	72	79	82	81	76	80	76	71	81	90	98	85	74	83	85	87	85	80	89	94	92	92	87	74	79	78	75	65	82.1
	MIN	57	60	55	54	49	55	59	49	46	48	41	44	53	59	50	52	47	51	57	55	48	58	61	65	66	62	60	50	55	58	37	53.6
HENRY 5 N	MAX	86	78	65	70	75	77	88	70	79	70	70	81	90	99	83	73	79	85	88	80	76	85	93	91	90	78	74	68	78	78	63	79.4
	MIN	56	50	55	50	48	50	60	53	42	50	39	42	50	54	52	53	43	50	54	50	42	52	57	62	61	61	61	49	49	62	45	51.7
LEOO 3 E	MAX	92	88	79	76	85	81	88	75	81	79	74	86	92	100	80	83	82	91	94	84	79	82	89	88	90	85	79	81	81	88	69	83.9
	MIN	61	58	63	52	52	59	55	50	44	55	40	42	57	64	60	54	42	53	57	57	45	56	57	59	59	62	63	56	49	64	50	54.7
OORA 4 NNE	MAX	92	90	85	78	85	89	86	73	82	79	73	81	90	93	83	79	85	85	87	84	87	99	100	100	101	93	85	84	88	84	59	85.8
	MIN	49	69	55	55	42		63	57	45	45	36	38	45	47	51	50	48	43	51	54	54	59	55	59	51	59	63	39	58	58	46	51.5
NOT CAA	MAX	90	83	59	73	77	78	79	68	79	64	72	79	88	94	72	67	80	83	86	77	79	92	99	94	97	85	67	74	79	65	54	78.5
	MIN	58	55	53	54	57	51	60	52	51	53	41	48	62	61	48	51	52	51	60	53	46	60	70	69	65	60	52	51	57	53	47	54.9
NOT EXP FARM	MAX	90	87	81	74	78	79	83	70	78	77	77	79	88	95	82	68	81	83	82	77	83	92	99	94	96	87	76	70	79	71	60	81.0
	MIN		54	51	52	54	47	59	52	48	48	39	45	58	61	48	49	47	50	55	49	42	59	62	68	65	57	56	47	55	52	45	52.5
HALL	MAX	91	80	70	76	78	81	77	71	77	69	72	82	90	94	77	69	80	84	83	78	78	92	102	95	98	84	77	85	81	74	66	81.0
	MIN	53	55	52	51	54	42	57	52	45	49	39	44	56	60	44	48	48	46	55	44	45	54	67	64	63	61	58	55	45	53	52	52.0
'T	MAX	92	85	73	78	87	87	71	68	81	80	69	79	90	96	76	76	84	82	85	81	83	93	90	94	93	91	77	78	83	72	58	81.7
	MIN	51	62	56	48	45	49	59	51	44	51	38	42	46	50	52	51	45	46	46	55	49	58	62	62	67	57	64	45	53	53	43	51.6

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MUNICH 4 SW	MAX	85	74	60	70	75	78	82	69	75	74	71	79	87	95	89	70	78	82	82	76	74	85	94	91	94	88	71	69	75	74	61	78.3
	MIN	52	47	54	44	49	44	51	52	42	45	36	41	50	53	46	49	42	50	51	47	41	54	60	60	64	62	59	50	49	57	46	49.9
NAPOLEON 1 SE	MAX	93	82	77	71	85	87	89	77	81	80	75	86	93	102	85	89	83	86	93	84	81	88	93	91	85	82	79	74	81	79	68	83.8
	MIN	54	61	54	54	45	45	58	57	40	57	39	52	50	66	55	54	44	55	53	53	47	57	66	66	64	61	66	47	54	58	46	54.1
NEW ENGLAND	MAX	93	85	81	79	85	88	85	71	82	75	72	80	92	96	81	76	83	86	86	83	85	96	94	100	95	92	79	80	85	76	59	83.9
	MIN	54	65	53	54	47	50	59	53	47	53	40	42	49	53	54	50	54	47	49	57	51	56	58	60	58	56	64	43	53	53	42	52.4
NEW SALEM 1 S	MAX	92	85	77	80	83	85	77	71	85	75	74	84	94	99	79	88	94	99	84	87	83	94	96	95	94	91	82	80	83	71	54	84.4
	MIN	60	64	55	52	53	54	53	49	47	53	40	49	55	65	52	53	55	65	55	55	47	60	63	61	64	59	54	52	53	52	43	54.6
OAKES	MAX	92	90	77	70	78	83	81	89	72	79	77	71	83	92	100	77	81	77	87	92	80	78	83	89	88	82	86	88	73	82	84	82.6
	MIN	62	61	66	51	47	54	57	63	44	52	42	39	48	56	62	54	45	48	56	59	48	53	59	62	65	61	62	57	49	51	48	54.2
PARK RIVER	MAX	86	82	65	74	78	79	85	79	80	79	73	81	92	100	99	85	81	88	87	81	78	86	96	94	94	91	79	75	78	76	71	83.0
	MIN	58	50	57	51	56	50	51	56	47	54	45	51	52	57	58	54	47	52	51	56	48	54	61	65	63	65	61	52	48	64	51	54.4
PARSHALL	MAX	94	88	70	78	82	87	82	72	82	79	75	83	89	98	79	73	86	88	89	84	83	94	100	97	98	90	80	79	81	74	59	83.6
	MIN	49	56	53	52	48	44	58	50	43	46	34	35	55	54	48	50	47	45	53	50	43	59	66	66	66	59	58	49	55	52	47	51.3
PEMBINA 2N	MAX	92	86	78	76	78	80	88	88	80	80	70	72	92	103	103	78	81	85	88	88	76	85	97	97	92	90	81	73	76	76	73	83.9
	MIN	52	51	53	44	52	44	54	53	52	46	41	47	47	54	53	42	48	50	55	49	42	51	63	67	66	64	61	51	42	58	54	51.8
PETERSBURG	MAX	87	81	69	76	79	85	85	72	85	77	71	82	91	99	87	76	83	86	90	84	76	83	94	91	91	83	74	73	77	75	67	81.6
	MIN	54	50	55	46	47	51	54	47	42	51	40	43	52	59	51	51	44	50	56	47	46	49	62	63	59	61	61	52	43	62	47	51.5
PETTIBONE	MAX	88	85	70	70	76	82	88	76	81	70	72	82	93	100	89	72	82	87	89	79	79	87	93	92	90	82	79	74	79	79	65	81.6
	MIN	57	58	57	50	46	47	57	53	45	55	42	45	49	60	52	53	45	52	55	53	49	67	66	67	66	62	63	54	54	64	48	54.5
PORTAL	MAX	93	90	76	61	77		84	75	71	79	65	72	82	89	85	70	70	81	83	85	78	83	96	98	99	102	84	66	82	86	64	80.9
	MIN	55	54	52	49	54	45		48	45	52	39	45	65	73	40	47	52	46	58	41	52	61	64	58	62	58	54	42	52	52	49	52.1
POWERS LAKE 1N	MAX	91	85	66	75	78	81	78	70	79	75	73	81	89	91	70	66	77	83	81	76	82	94	97	96	100	84	76	79	83	71	58	80.2
	MIN	53	55	52	52	50	42	61	51	43	47	36	38	54	51	39	49	50	45	59	50	44	59	61	62	65	76	56	50	45	52	42	51.3
RICHAROTON ARBEY	MAX	95	90	84	79	82	88	84	71	81	78	72	81	91	97	91	74	87	89	87	83	83	94	94	97	97	90	78	78	83	76	56	84.2
	MIN	66	64	56	53	51	55	61	51	48	54	40	47	54	61	54	50	51	54	52	55	57	60	63	64	67	60	62	50	50	54	45	55.1
RIVEROALE	MAX	93	90	85	68	79	80	83	79	69	79	65	71	80	90	98	76	70	85	87	88	78	83	93	97	94	96	91	76	77	77	67	82.1
	MIN	57	60	54	54	52	52	59	50	48	54	43	47	55	59	51	50	46	51	55	54		48	66	66	65	59	62	48	51	54	47	53.6
ROLLA	MAX	83	72	58	71	73	78	74	70	76	69	70	78	87	95	79	68	78	81	82	74	75	87	94	92	92	89	74	75	78	70	59	77.5
	MIN	56	49	51	53	51	47	54	50	47	50	42	48	52	53	50	50	45	50	53	53	45	55	54	64	62	61	55	49	49	52	48	51.5
RUGBY	MAX	90	86	73	74	78	80	88	86	81	78	72	82	90	98	92	72	79	85	86	83	78	90	95	94	94	92	78	74	78	74	61	82.6
	MIN	55	55	55	55	53	50	58	53	47	50	38	45	55	57	49	53	42	52	55	48	48	53	65	68	66	62	62	50	55	57	47	53.5
SAN HAVEN	MAX	83	79	63	71	75	78	75	72	77	73	70	78	87	93	80	65	78	81	82	80	71	87	94	90	90	86	76	75	77	72	64	78.1
	MIN	57	53	52	52	52	51	57	52	54	51	43	47	52	56	49	49	42	50	56	52	50	54	59	65	65	60	59	49	51	52	47	52.8
SANISH	MAX	96	98	92	64	79	86	87	81	74	83	63	75	83	82	97	78	72	84	89	89	82	85	98	104	101	104	90	71	81	83	62	84.3
	MIN	50	53	56	51	44	44	45	59	36	41	31	31	33	56	44	45	42	39	40	45	42	43	53	60	60	61	50	45	50	54	45	46.7
SHARON	MAX	87	80	62	72	74	76	87	71	75	73	78	79	87	98	90	74	75	85	87	79	82	87	90	88	88	77	74	73	77	73	67	79.5
	MIN	58	54	56	50	51	50	57	54	54	52	41	46	53	62	54	54	47	54	59	54	57	60	60	62	60	61	63	54	51	63	47	54.9
STANLEY	MAX	91	84	65	75	78	83	75	75	73	78	70	82	89	92	70	68	82	85	83	92	74	95	103	97	100	85	75	80	83	70	53	80.5
	MIN	53	56	51	52	50	46		51	50	48	39	42	42	41	41	43	47	46	56	52	44	55	62	63	65	63	52	43	55	46	45	50.0
STEELE	MAX	92	82	75	72	87	83	80	75	81	80	74	82	90	99	90	87	89	89	90	86	82	93	92	91	86	87	80	79	82	78	71	84.0
	MIN	57	59	57	52	49	52	58	52	43	53	37	42	52	59	52	50	50	50	54	54	44	55	59	64	62	61	62	45	52	58	43	52.8
TOWNER	MAX	92	76	73	74	80	82	87	80	71	73	74	80	90	98	78	70	82	85	87	80	81	92	98	94	96	92	72	77	78	73	61	81.5
	MIN	48	47	52	51	48	44	56	47	42	46	36	40	52	52	42	49	43	57	58	44	42	54	63	64	60	56	56	46	45	51	48	49.6
TURTLE LAKE	MAX	91	89	67		79	82	81	77		81	71	81	89	97	85	80	82	86	89	83	81		95	92	93	90	87	78	79	70	67	82.9
	MIN	45	49	55		49	51	51	50		50	40	41	54	56	51	51	46	46	56	46	46		59	62	62	58	60	50	49	55	46	51.2
UNDERWOOD	MAX	92	90	84	68	75	80	84	79	72	82	66	73	81	91	98	78	71	85		89	80	83	93	97	94	95	92	76	78	71	67	82.2
	MIN	57	59	51	52	51	51	56	49	46	50	40	44	52	58	48	50	46	49	55	53	51	55	61	62	65	59	61	47	50	49	46	52.4
UPHAM 3N	MAX	93	88	64	76	81	82	84	72	80	77	76	81	85	99					85	81	76	90	95	92	98	90	83	80	82	80	65	82.8
	MIN	51	53	53	52	50	46	63	51	42	46	38	41	52	51	42	49	41	47	49	43	43	54	57	63	63	58	59	47	52	52	41	50.0
VALLEY CITY	MAX	92	87	85	73	80	82	90	84	82	78	73	85	93	102	99	77	83	89	93	88	80	86	93	91	89	85	85	79	81	80	68	84.4
	MIN		58	62	52	46	53	53	58	42	52	40	45	49	57	59	54	41	55	54	58	45	56	61	63	62	64	63	56	50	65	48	54.0
VAN HOOK	MAX	94	90	63	77	82	86	83	73	82	80	75	83	91	98	78		84	89	88	82	84	96	103	99	100	91	74	80	81	67	53	83.5
	MIN	53	59	56	54	52	48	62	53	44	50	36	40	57	54	49		47	45	55	55	50	58	65	65	64	66	55	48	55	51	48	53.1
VELVA	MAX	86	83	78	71	75	78	81	76	76	73	70	77	85	92	80	68	79	80	83	80	79	91	97	92	92	87	72	73	77	71	63	79.5
	MIN	54	57	53	55	55	49	57	54	48	51	43	47	55	60	50	53	47	49	54	49	43	60	70	70	68	60	58	55	56	54	49	54.3
WAHPETON STATE SCHOOL	MAX	91	89	85	77	84	82	87	75	89	82	75	83	90	97	95	85	81	89	89	87	83	80	86	87	88	85	82	76	81	85	84	84.8
	MIN	59	56	64	53	54	61	57	63	45	52	43	47	57	64	61	55	45	57	60	58	48	56	56	58	64	63	66	57	49	65	53	56.4
WASHBURN	MAX	92	86	79	79	83	85	80	74	85	78	75	83	92	98	85	74	87	87	90	84	84	91	94	93	92	91	81	78	75	75	70	83.9
	MIN	56	59	56	51	55	53	58	49	44	51	39	43	52	58	50	52	47	48	53	54	42	58	62	64	65	58	62	54	55	54	46	53.2
WATFORD CITY	MAX	95	91	71	77	84	87	82	73	81	72	73	82	91	94	78	72	82	88	87	83	86	99	101	101	102	87	77	83	87	66	53	83.4
	MIN	56	62	55	53	49	54	62	55	46	51	39	42	54	56	49	50	46	47	58	49	51	62	65	65	57	62	59	43	59	51	48	53.-
WESTHOPE	MAX	90	71	63	76	78	80	76	73	79	69	74	82	90	93	73	72	83	79	84	78	75	91	100	93	96	84	73	75	79	70	62	79.4
	MIN	53	52	51	49	55	45	58	44	52	48	38	43	54	55																		
WILLISTON WB CITY	MAX	92	88	62	76	81	87	75	73	82	65	74	83	90	90	76	71	81	88	84	79	85	98	94	100	101	86	72	80	85	64	54	81.2
	MIN	58	61	56	56	56	57	63	56	49	50	42	48	57	58	48	50	55	49	58	50	56	65	67	63	57	60	53	45	62	50	48	54.9
WILLOW CITY	MAX	92	74	66	76	80	80	83	73	80	67	75	82	92	98	77	70	81	84	82	77	75	89	97	92	93	92	77	76	79	78	61	80.6
	MIN	52	52	54	53	49	45	53	53	41	49	39	40	53	49	45	46	41	48	49	49	41	53	56	66	66	56	57	49	46	53	46	50.0
WILTON RR STATION	MAX	89	86	80	65	72	78	82	75	69	82	66	71	81	90	97	75		83	84	84	79	80	89	93	90	89	87	76	76	81	71	80.7
	MIN	62	59	54	50	47	52	56	47	43	52	41	40	49	54	50	52		45	51	59	50	57	58	62	63	59	61	50	51	55	44	52.4
WISHEK	MAX	87	80	70	65	79	77	82	68	81	79	72	82	93	99	83		82							91	89	84	84	78	80	78	72	80.6
	MIN	53	58	57	53	42	52	55	55	38	56	36	45	49	62	55	53	40	48	47	52	42	53	53	60	58	56	62	49	50	56	42	51.2

TABLE 6 FOR THIS ISSUE MAY BE FOUND ON PAGE 105.

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage*	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
AMS [illegible]	0021	[illegible]		48 20	99 06	-		6P	MRS. A. J. [illegible]	3
EVANS	0096	MC KENZIE	1	47 50	103 59	2 [illegible]		6P	ARTHUR L. BOWMAN	3
MONT SH	0136	MORTON	4	46 43	101 39	430	7P	P	HOLAN RAMSLAND	3 4
BAC	0189	OLIVER	2	48 48	101 28	2 [illegible]		5P	[illegible] LINE AGENT	3
ENIA	0196	LAS	1	47 0	97 19	96		6P	[illegible] VIRGIL E. GEBEKE	2 3
IDAY	0239	FLOYD		46 30	1 3 19	291	8A	8A	VIRGINIA M. [illegible] UNDELL	3 5
TLER	0283	BOTTINEAU		48 58	101 20	1545		MID	W. H. WEBNER	3
WILLA STATE PARK	0369	GRAND FORKS	3	47 56	97 30	960	6P	6P	ALBERT THOREN	2 3 5
HLEN	0392	MC INTOSH	3	46 22	99 47	2 [illegible]		5P	[illegible] LINE AGENT	2 3 5
LDHILL DAM	0450	BARNES	4	47 02	98 02	1300	8A	8A	F. A. JOHNSON	2 3 5
LTA	0506	PIERCE	1	48 1	1 [illegible] 02	1550		4P	ROYCE E. PAULSON	3
NTRY	0516	MC HENRY	7	48 30	100 36			6P	TEMPLE K. ROBERTS	3
ACH	0590	GOLDEN VALLEY	7	46 55	104 01	2814	6A	6A	HELEN TOBIAS	2 3 5
LCOUR INDIAN RES	0626	ROLETTE	9	48 50	99 45	1495	7P	P	TURTLE MTN. IND. AGY.	2 3 5
LF LC	0639	TARK	4	46 52	103 12	2 92	7P	7P	CARL INDERGAARD	2 3 5
RTHOD	0794	WARD	12	48 19	101 44	1 [illegible]		7P	[illegible] E. S. COX	3
ULAH	0806	MERCER	6	47 16	101 47	1780		5P	MONTPARK UTIL. CO.	3
SREE	0896	TOWNER	2	48 3	99 22	1500	6P	6P	ROBERT J. KRICK	2 3 5
SMARCK MB CITY	0914	BURLEIGHT	8	46 48	100 48	1660	9A	9A	U S WEATHER BUREAU	2 3 5
SMARCK MB AIRPORT	0919	BURLEIGHT	8	46 46	100 45	[illegible]	MID	MID	U S WEATHER BUREAU	2 3 5
TINEAU	0941	BOTTINEAU	12	48 50	100 27	1638	8A	8A	N. D. SCHOOL OF FRSTRY	2 3 5
WBELLS	0961	BURKE	12	48 48	102 15	1953	8A	8A	FELIX L. ADAMS	2 3 5
WBELLS 4 E	0966	WARD	12	48 47	102 08	1925	8A	8A	DEVELOPMENT FARM	2 3 5 6
WMAN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2872	5P	5P	O. B. HOOK	2 3 5
WMAN 1 SE	0998	BOWMAN	3	NE 04	103 19	-		6P	BERNARD L. DOMAGALA	3
WMAN 30 NNW	1001	SLOPE	8	46 35	103 31	-		5P	ROBERT L. HANSON	3
EIEN	1052	MORTON	1	46 24	100 57	1720		MID	FRANK E. POTTER	3
CHANAN	1124	STUTSMAN	1	46 54	98 49	1 [illegible]		MID	W. H. HENDRICKSON	3
RT 16	1216	HETTINGER	1	46 36	102 08	-		6P	JACOB GRNEBELE	3
TTE	1225	MC LEAN	12	47 50	100 40	1880	6A	6A	EARL R. WARD	2 3 5
NOC	1288	TOWNER	2	48 29	99 12	-		MID	HARRY E. MARRIS	3
RRINGTON	1360	FOSTER	5	47 27	99 08	1179	7A	A	SOO LINE AGENT	2 3 5
RSON	1365	GRANT	4	46 25	101 34	2300		MID	VINCENT MUGGLI	3
RSON NO. 2	1435	GRANT	4	46 25	101 34	2380	7A	7A	ALEXANDER R. MADIGE	2 3 5 7
VALIER	1439	PEMBINA	9	48 48	97 38	889	6P	6P	WILLIE HENSEN PICO	2 3 5
NTER	1456	OLIVER	8	47 7	101 18	21 [illegible]	7P	7P	FRED [illegible]. HEINZ	2 3 5 7
GATE	1696	STEELE	10	47 14	97 39	1180		6P	JOHN P. BURCHILL	3
LUMBUS	1696	BURKE	12	48 54	102 47	1931		6P	WM. D. SUNDELL	3
PERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	5P	5P	R. J. LOCKNER	2 3 5
RTENAY	1816	STUTSMAN	5	47 13	98 34	1573		5P	[illegible]. H. HANAWALT	3
DSBY	1871	DIVIDE	12	48 54	103 18	1954	6P	6P	VERNON V. NICHOLS	2 3 5 7
ILS LAKE WB CITY	2158	RAMSEY	2	48 07	98 52	14 1	MID	MID	U S WEATHER BUREAU	2 3 5 7
SKINSON CAA AP	2183	STARK	4	46 48	102 48	2587	MID	MID	U S CIVIL AER ADM	2 3 5 7
SKINSON EXP STATION	2188	STARK	4	46 53	102 47	2461	7A	7A	DICKINSON EXP STA	2 3 5 6
WYBROOK	2242	WARD	12	48 31	101 53	1760		6P	FRED E. REDNER	3
VE	2298	MC HENRY	12	47 55	100 22	1636	8A	8A	ED. J. EVANS	2 3 5
NCENTER	2365	UNN	6	47 21	102 37	2191	6A	6A	CHARLES C. NEUTEL	2 3 5 7
MAN	2472	BOTTINEAU	13	48 39	101 03	1500	7A	7A	SFO LINE AGENT	2 3 5
LEY EXP FARM	2482	LA MOURE	5	46 20	98 42	1568	8A	8A	N.D. AGRI. EXP. STA.	2 3 5
ORE W	2525	RAMSEY	2	48 25	98 29	1524	5P	5P	MIKE DAVIS	2 3 5
WOLDS	2570	MC LEAN	8	47 35	102 9	2 82	6P	6P	H. W. CASE	2 3 5
IN S S	2592	GRANT		46 21	01 49	-		6P	ART A. ESLINGER	3
NDALE	2605	DICKEY	5	46 05	98 31	1460	8P	8P	PAUL GRESS	2 3 5 6 7
BERLIN	2695	RANSOM	11	46 18	97 36	2 04	7A	7A	LEONARD PETERSON	2 3 5
MING	2 35	WILLIAMS		48 18	103 21	2224	6P	6P	T. BEACHLER	2 3 5
MOND	2767	BENSON	1	48 02	99 46	165		MID	LYLE O. [illegible]ERING	3
RFIELD	2809	BILLINGS	7	47 [illegible]	103 3	[illegible]		6P	[illegible] PETERSEN	3
GO MB AIRPOR	2859	CA	10	46 54	96 48	895	MID	MID	U S WEATHER BUREAU	2 3 5
SENDEN	2949	WELLS		47 39	99 37	1 [illegible]	6P	6P	[illegible] [illegible] RUST	2 3 5
SHER	3049	MORTON	1	46 27	101 14	1930		8A	GEORGE M. SINCLAIR	3
IXTON	3019	BURKE	12	48 54	102 23	1940		6P	PALMER M. DUNHAM	3
BLES 13 NW	3064	DICKEY	5	46 04	98 51	-		6P	THEODORE A. WIRCH	3
MAN	3117	SARGENT	10	46 06	97 38	1249	6P	6P	ART WATERMAN	2 3 5
T YATES	3207	SIOUX	8	46 06	100 38	1643	5S	S	C. P. DELING	2 3 5 7
HOLM 7 N	3217	WARD	12	48 27	1 1 33	1609	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
BURG	3277	BILLINGS	4	46 53	103 18	2790		7A	HEHMAN J. MAY	3
LERTON	3287	DICKEY	5	46 10	98 25	1439	6P	6P	F. O. ALIN	2 3 5 7
KLE	3309	LOGAN	5	46 38	99 08	1951	6P	6P	ALVIL HUMMEL	2 3 5
RESON	3376	MC LEAN	8	47 38	101 25	1911	MID	MID	ALBERT J. BEIRELE	2 3 5 7
N ULLIN 13 N	3501	MERCER	6	47 00	101 47	2221		6P	CHRIST SCHILLING	3
QEN VALLEY 10 S	3529	MERCER	6	47 10	1 2 03	1870		6P	ROBERT H. BACKFISCH	3
CE CITY	3583	FOSTER	5	47 33	98 48	-		MID	IDA BONDERUD	3
RK STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 5 7
ND FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	834	MID	MID	U S CIVIL AERO ADM	2 3 5 7
ND FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	MID	7P	UNIVERSITY OF N. D.	2 3 5 7
ND RAPIDS 1 N	3665	LA MOURE	5	46 29	98 21	1360	6P	6P	ALBERT J. NESS	2 3 5
NVILLE	3686	MC HENRY	12	48 16	100 51	1504	7P	7P	FRED ROBLE	2 3 5 7
SSY BUTTE	3696	MC KENZIE	7	47 24	103 14	2660		MID	SAM CHARCHENK	3
SSY BUTTE 1 N	3701	MC KENZIE	7	47 31	103 14	2497		6P	EDSEL G. CRIST	3
NORA	3736	WILLIAMS	8	48 37	103 46	2114	5P	5P	L. D. NIELSON	2 3 5
EY	3836	BOWMAN	3	45 58	103 08	-		MID	U. E. CRAWFORD	3
LIDAY	3846	DUNN	6	47 21	102 20	2073		6P	JOHN KISSE	3
KINSON R R STATION	3908	RICHLAND	10	46 06	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
NAM	3936	CAVALIER	9	48 59	98 41	1570	6P	6P	U S CUSTOMS OFFICE	2 3 5 7
SBORO	3963	TOWNER	9	48 57	99 23	1597	7P	7P	CHARLES E. DISHER	2 3 5
VEY 3 NE	4013	WELLS	11	47 45	99 53	1596		6P	H. J. REYNOLDS	3
NES 6 NE	4073	ADAMS	1	46 01	102 24	2640		MID	BYRON B. BOBB	3
TINGER	4178	ADAMS	3	46 00	102 38	2680	6P	6P	FRED O. FORTHUN	2 3 5 7
TINGER 17 N	4186	ADAMS	1	46 15	102 39	-		6P	[illegible] J. GERBRACHT	3
LSBORO	4203	TRAILL	10	47 24	97 04	904	6P	6P	ALFRED JAHNKE	2 3 5
ESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1497	MID	MID	U S CIVIL AERO ADM	2 3 5 7
ESTOWN ST HOSPITAL	4418	STUTSMAN	5	46 52	98 40	1457	7P	7P	N. D. ST. HOSPITAL	2 3 5
NE 2 S	4571	MC KENZIE	8	47 54	102 56	2346		6P	KENNETH V. BERGET	3
MARE	4646	WARD	12	48 40	102 05	1800	8A	8A	THEO. E. ECKBERG	2 3 5
SAL WILDLIFE REFUGE	4656	STUTSMAN	5	47 15	98 52	1440	7P	7P	U S WILDLIFE REFUGE	2 3 5 7
LDEER 8 NW	4726	DUNN	7	47 26	102 53	2240		6P	LEONARD J. DAVIS	3 7
M	4843	LA MOURE	5	46 18	98 57	1970		6P	JOHN STROEHL	3
GDON EXP. FARM	4958	CAVALIER	9	48 45	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5
SFORD	5002	BOTTINEAU	12	48 38	101 22	1600		6P	LOUIS SCHAEFER	3
MORE	5013	GRAND FORKS	10	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
DS	5078	BENSON	2	48 17	99 26	1515	7P	7P	JOHN FAGER	2 3 5
DR 10 E	5088	STARK	4	46 38	102 21	2580		5P	JOSEPH LINK	3 3
TON	5210	LEMMONS	8	46 16	100 14	1711	8P	8P	WILLIAM HEYERMAN	2 3 5
BON	5220	RANSOM	11	46 26	97 42	1089	5P	5P	N. DAK. SOLDIERS HOME	2 3 5
CHVILLE	5230	BARNES	11	46 39	98 11	-		6P	WILLIAM H. RUGH	3
TWOOD 12 N	5320	BURKE	12	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
DOCK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	6P	6P	BENSON CY AGR SCHL	2 3 5
DAN EXP. STATION	5479	MORTON	4	46 48	100 54	1750	8A	8A	NO. G.P. FIELD STA.	2 3 5 6 7
DAN FT. LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
NING	5519	DUNN	6	47 14	102 46	-		MID	DONALD JEFFERIES	3
MARTH	5573	SLOPE	7	46 18	103 55	2714	6P	6P	S. P. GRANE	2 3 5
MARTH M D U CO.	5575	SLOPE	7	46 18	103 55	2710		MID	E. O. JESTNES	3
TIN	5610	SHERIDAN	11	47 50	100 07	1610		6P	WM PUTZ	3
	5638	MC LEAN	8	47 49	101 17	2093	7A	7A	SOO LINE AGENT	2 3 5
VILLE	5660	TRAILL	10	47 30	97 19	975	6P	6P	M. A. RAGAZ	2 3 5 7
SLUSKY	5710	SHERIDAN	8	47 29	100 29	1943	6P	6P	ELMER L. SCHIELKE	2 3 5 7
HENRY 5 N	5730	EDDY	11	47 38	98 35	1509	7P	7P	K. E. BLASKY	2 3 5 7
EDO 3 E	5754	RICHLAND	11	46 24	97 14	1075	7P	7P	U. G. CARLSON	2 3 5
VILLE	5764	NELSON	10	47 46	98 11	1467	6P	6P	H. H. KNIEFEL	3
INA 1 W	5798	STUTSMAN	8	46 53	99 19	-		6P	RUDOLPH GRAF	3
ORA	5803	BILLINGS	7	46 55	103 31	2270		MID	JAY J. EATON	3
ORA 4 NNE	5813	BILLINGS	7	46 58	103 30	2250	5P	5P	U S FOREST SERVICE	2 3 5 7
ORA 23 NNW	5818	BILLINGS	7	47 14	103 36	2123		7P	ARCHIE E. MC ADOO	3
VILLE	5833	FOSTER	5	47 20	99 02	1625		MID	EDGAR S. STEGMEIER	3
OT CAA AP	5988	WARD	12	48 15	101 17	1724	MID	MID	U S CIVIL AERO ADM	2 3 5
OT EXP FARM	5993	WARD	12	48 10	101 18	1720	6P	6P	N C AGRI EXP STA	2 3 5 7
FIT 4 SE	6015	BURLEIGHT	8	46 40	100 14	1760		5P	U S FISH & W L SERV.	3
ALL	6025	RENVILLE	12	48 46	101 31	1639	9P	9P	IVER JOHNSON	2 3 5 7
TPELIER	6105	STUTSMAN	5	46 42	98 35	-		6P	ROLF HANSON	3 7
T	6155	HETTINGER	1	46 23	102 20	2420	5S	5S	FORREST E. COFFING	2 3 5 7

Station	Index No.	County	Drainage*	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
MUN [illegible] & SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NAR [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW [illegible]NGLAND	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW ROCKFORD WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW SALEM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NOONAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NORTHGATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NORTONVILLE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OAKE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PARK RIVER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PARSHALL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PEMBINA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PETERSBURG	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PETTIBONE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PINGREE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PORTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
POWER LAKE 3 N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PRAIRIE ROCK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RAY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
REEDER 14 N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RICHARDTON ABBEY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RIVERDALE	[illegible]	MC LEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ROLETTE	[illegible]	ROLETTE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RUGBY	[illegible]	PIERCE	12	48 22	100 [illegible]	[illegible]	[illegible]	[illegible]	FRANK HERNDIETH	[illegible]
RYDER	[illegible]	WARD	[illegible]	47 55	101 41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SAN HAVEN	[illegible]	ROLETTE	12	48 50	100 03	[illegible]	6P	[illegible]	[illegible]	[illegible]
SANISH	[illegible]	MOUNTRAIL	[illegible]	47 59	102 32	[illegible]	7A	[illegible]	[illegible]	[illegible]
SCRANTON	[illegible]	BOWMAN	[illegible]	46 09	103 13	2 [illegible]		[illegible]	[illegible]	[illegible]
SELFRIDGE 11 N	[illegible]	OLIVER	[illegible]	46 01	101 [illegible]	[illegible]		[illegible]	[illegible]	[illegible]
SENT NEL BUTTE	[illegible]	GOLDEN VALLEY	7	46 37	103 49	-		[illegible]	[illegible]	[illegible]
SHARON	[illegible]	STEELE	11	47 36	97 54	[illegible]	8P	8P	HUGH LYON	[illegible]
SHERWOOD 3 N	[illegible]	RENVILLE	12	48 [illegible]	100 38	[illegible]		6P	U S CUSTOMS SERVICE	[illegible]
SHEYENNE	[illegible]	EDDY	11	47 50	99 07	[illegible]		MID	ALVIN H. KENEL	[illegible]
SHIELDS	[illegible]	GRANT	[illegible]	46 14	101 [illegible]	-		6P	EDWIN O. CARLSON	[illegible]
STANLEY	[illegible]	MOUNTRAIL	8	48 19	102 24	[illegible]	7P	7P	LEROY EDWARDS	[illegible]
STEELE	[illegible]	KIDDER	8	46 5	99 55	[illegible]	6P	[illegible]	STEELE [illegible]	[illegible]
STEVENSON	[illegible]	WELLS	7	47 28	99 24	[illegible]		4P	EDWARD [illegible]	[illegible]
STOUT	[illegible]	MOUNTRAIL	12	48 [illegible]	102 56	[illegible]		6P	GEORGE M. [illegible]	[illegible]
TIOGA	[illegible]	WILLIAMS	8	48 24	102 56	[illegible]		6P	L. A. SIMONSON	[illegible]
TOLLEY 4 NE	[illegible]	RENVILLE	12	48 46	101 47	-		6P	CARMIE NELSON	[illegible]
TOWNER	[illegible]	MC HENRY	12	48 2	100 24	[illegible]	7P	7P	AUGUST B. RIETER	[illegible]
TROTTER 6 WNW	[illegible]	MC KENZIE	13	47 21	104 01	[illegible]		5P	WALTER GRUNEWALD	[illegible]
TURTLE LAKE	[illegible]	MC LEAN	8	47 31	100 53	[illegible]	5P	5P	APT KLUNGTVEIT	[illegible]
TUTTLE	[illegible]	KIDDER	8	47 08	100 [illegible]	[illegible]		5P	THEODORE C. [illegible]	[illegible]
UNDERWOOD	[illegible]	MC LEAN	8	47 27	101 [illegible]	[illegible]	7A	7A	CLARENCE W. JOHNSON	[illegible]
UPHAM 3 N	[illegible]	MC HENRY	12	48 37	1 [illegible] 44	[illegible]	5P	5P	U S WILDLIFE REF	[illegible]
VALLEY CITY	[illegible]	BARNES	1	46 55	98 01	[illegible]	6P	6P	M. S. I. C. ROHRER	[illegible]
VAN HOOK	[illegible]	MOUNTRAIL	8	47 57	102 21	[illegible]			ERWIN H. BEHLICH	[illegible]
VELVA	[illegible]	MC HENRY	12	48 3	1 [illegible] 55	[illegible]	6P	6P	OSCAR ANDERSON	[illegible]
VERONA	[illegible]	LA MOURE	5	46 22	98 15	[illegible]		6P	WARREN D. TENG	[illegible]
WAHPETON STATE SCHOOL	[illegible]	RICHLAND	10	46 16	96 36	[illegible]	5P	5P	ST SCH OF SCIENCE	[illegible]
WALMALLA	[illegible]	PEMBINA	9	48 55	97 55	[illegible]		6P	FELIX A. GATONDAY	[illegible]
WARWICK	[illegible]	BENSON	11	47 5	98 42	-		6P	H. S. STILSON	[illegible]
WASHBURN	[illegible]	MC LEAN	8	47 17	101 [illegible]	[illegible]	6P	6P	FRED KRAUSE	[illegible]
WASHBURN WATER WORKS	[illegible]	MC LEAN	8	47 17	1 [illegible]	[illegible]		MID	WASHBURN WATER WKS	[illegible]
WATAUGA 8 N	[illegible]	DAK.	[illegible]	[illegible]	[illegible]	[illegible]		6P	MARY E. KATUS	[illegible]
WATFORD CITY	[illegible]	MC KENZIE	8	47 48	103 17	[illegible]	8P	8P	J. C. ZELLER	[illegible]
WATFORD CITY 11 E	[illegible]	MC KENZIE	8	47 47	103 12	-		MID	IDA PETERSON	[illegible]
WESTHOPE	[illegible]	BOTTINEAU	12	48 55	101 01	[illegible]	6P	6P	REV. R. CAREY	[illegible]
WILDROSE	[illegible]	WILLIAMS	8	48 38	103 10	[illegible]		6P	JONATHAN WINKJER	[illegible]
WILLISTON WB CITY	[illegible]	WILLIAMS	8	48 09	103 35	[illegible]	MID	MID	U S WEATHER BUREAU	[illegible]
WILLOW CITY	[illegible]	BOTTINEAU	12	48 36	100 17	[illegible]	8P	8P	L. M. SANDERSON	[illegible]
WILTON R R STATION	[illegible]	MC LEAN	8	47 09	100 48	[illegible]	8A	8A	SOO LINE AGENT	[illegible]
WING	[illegible]	MC INTOSH	8	46 16	99 34	[illegible]	5P	5P	CARL EISSINGER	[illegible]
WOODWORTH E	[illegible]	STUTSMAN	5	47 09	99 12	-		6P	JOHN ROHRER	[illegible]
[illegible]HL	[illegible]	WIL [illegible]AM	8	48 34	103 41	[illegible]		6P	OLA JEVERTSEN	[illegible]

*DRAINAGE CODE: 1. CANNONBALL 2 DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9 PEMBINA [illegible] 11. SHEYENNE 12 [illegible] 13. [illegible]OWSTON.

REFERENCE NOTES

Tbs four digit identification numbers in tbe index number column of tbe Station Index ars assignsd on a state basis. Tbere will be no duplication of numbe within a state.

Figurss and lstters following tbe station name, sucb as 12 SSW, indicate distance in miles and dirsction from ths post offics.

Obsservation times given in tbe Station lndsx ars in local standard time.

Dslayed data and corrections will be carried only in tbe June and December issues of tbis bulletin.

Monthly and seasonal snowfall and beating degrse days for tbs preceding 12 montbs will be carried in tbs June issue of tbis bulletin.

Station namss appearing in tables, but for whicb data are not listed, are eitbsr missing or received too late to included in tbis issue.

Unless otberwiss indicatsd, dimensional units used in tbis bulletin are: temperaturs in °F., precipitation and evaporation in incbes, and wind movement miles. Degree days are based on a daily average of 65°F. Evaporation is measured in tbe standard Weather Bureau type pan of 4 foot diameter unless otberwi sbown by footnote following Table 6.

Slset and bail were included in snowfall averages in Table 1, beginning witb July 1948.

Amounts in Table 3 are from non-recording gagss, unless otherwise indicated.

Data in Tablss 3, 5, 6, and snowfall data in Table 7 ars for tbe 24 bours ending at time of observation. See tbe Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For tbsse stations snow on ground valuss are at 0630 CS

-	No rscord in Tables 3, 6, 7, and tbe Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windsbield.
B	Adjusted to a full montb.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water squivalent to every 10 incbes of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, bavs been adjusted to represent the value for tbs full montb.
R	Daily values and montbly total from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for prsvious montb.
SS	Tbis entry in time of observation column in Station Index msans observation made near sunset.

Subscription Prics: 15 csnts per copy; montbly and annual, $1.50 per year. (Yearly subscription includes tbe Annual Summary.) Checks and money orde sbould be made payable to the Treasursr of tbe United States. Rsmittances and correspondence regarding subscriptions should be sent to the Superintende of Documsnts, Government Printing Office, Washington 25, D. C.

W.R.P.C., KANSAS CITY, MO. -- 10-7-52 -- 1

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Nat. Hist.

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

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SEPTEMBER 1952
Volume LXI No. 9

KANSAS CITY: 1952

NAT.
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NORTH DAKOTA-- SEPTEMBER 1952

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

September was a warm dry month in all sections of the state. Only scattered areas approache normal rainfall. It was ideal harvest weather but pastures were very dry and afforded less feed than is normal this season of the year. It was one of the ten driest and warmest Septembers since 1892.

The mean temperature for the state was 60.7 degrees which is 3.6 degrees above normal. The eastern division averaged 61.6 degrees which is 4.1 degrees above normal; the middle divisio averaged 60.5 degrees which is 3.5 degrees above normal; and the western division averaged 60.1 degrees which is 3.3 degrees above normal. The warmest periods were from the 9th to 11th and from the 26th to 28th in which nearly all stations reported their highest readings. 101 degrees at Mandan on the 10th was the highest temperature in the state. During the hot weather around the 27th some records were broken for that late in the season. The coldest period was from the 19th to the 23rd when frosts were general. A number of stations had their first killing frost at this time but some areas did not have a killing frost during the month. Rolla reported 20 degrees on the 19th for the lowest temperature in the state. The mean temperature ranged from 65.7 degrees at Fort Yates to 56.3 degrees at Belcourt.

Precipitation over the state averaged 0.62 inch which is 0.91 inch below normal. The easter division averaged 0.52 inch which is 1.29 inches below normal; the middle division averaged 0.62 inch which is 0.81 inch below normal; and the western division averaged 0.72 inch which is 0.54 inch below normal. A few stations in the southeast and the northwest portions of the state reported more than an inch of rainfall. Most stations, however, reported considerably less than an inch of rain for the month. Sherwood reported 1.89 inches for the greatest amount and Reeder reported no measurable precipitation for the month. Sherwood reported 1.14 inches of rain on the 13th for the largest amount in a single day. There was an averag of five days with 0.01 inch or more precipitation which is only slightly below the long time average.

Harvesting and threshing proceeded very rapidly under unusually favorable weather conditions. It was entirely completed except for a little late flax which still remained unharvested at the end of the month in the north central and south central areas of the state. Potatoes were reported to be of very good quality with digging well along at the end of the month. The corn crop was estimated a little below the ten year average with quality of the grain good. Packing was well underway at the end of the month. Haying continued throughout the month in many areas of the state. A third cutting of alfalfa in many areas gave a substantial boost to total hay production for the year. Dry weather also enabled the cutting of slough grass which in many years is not available. Pastures and ranges generally deteriorated during the month and were rated the poorest since 1938 on the 1st of October by the Agricultural Statistician. In a few areas it was reported that supplemental feeding was necessary for livestock. However, livestock was in good condition throughout the month. Both topsoil and subsoil moisture were considered deficient in nearly all sections of the state. In some cases it was too dry for fall plowing.

There were no severe storms reported during the month.--CJS

SUPPLEMENTAL DATA

NORTH DAKOTA
SEPTEMBER 1952

Station	Wind direction		Wind speed m.p.h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
smarck WB Airport	WNW	14	9.6	49	N	30	69	81	43	40	4	3	1	0	0	0	8	70	4.3
vils Lake WB City	-	-	8.6	33	NW	30	-	-	-	-	4	5	1	0	0	0	10	82	3 7
rgo WB Airport	SSE	16	13.5	34	W	14	69	79	44	45	9	0	1	0	0	0	10	77	4.5
lliston WB City	-	-	7.0	29	E	9	76	85	47	45	7	5	3	0	0	0	15	74	5.5

COMPARATIVE DATA

ble 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
92	59.2	101	24	0.84	.0	4
93	57.1	102	8	0.81	0.1	4
94	58.2	104	18	1.38	.0	5
95	56.6	100	12	0.77	.0	4
96	53.0	98	11	1.61	.0	6
97	64.1	109	18	0.28	.0	2
98	56.8	98	10	1.25	.0	4
99	55.0	101	11	0.58	T	4
00	54.6	98	17	4.95	T	3
01	53.6	100	12	2.01	T	7
02	53.6	95	15	0.74	.0	4
03	51.6	90	18	2.99	0.7	7
04	54.7	96	18	1.43	.0	5
05	59.8	104	23	1.67	.0	5
06	62.8	109	20	1.11	.0	4
07	52.1	96	9	1.39	T	6
08	60.7	104	16	1.24	0.2	4
09	59.0	93	24	0.95	.0	4
10	55.3	99	18	1.79	0.1	4
11	54.9	95	21	2.37	T	8
12	51.5	101	18	2.62	.0	10
13	57.2	108	8	1.74	0.4	6
14	59.3	98	25	1.03	.0	5
15	54.6	104	23	2.32	.0	9
16	55.1	99	15	1.43	T	6
1917	56.4	97	16	1.04	.0	5
1918	51.9	93	11	0.40	T	3
1919	58.6	100	20	0.94	0.3	5
1920	59.0	99	19	2.21	T	8
1921	57.0	101	25	3.21	T	12
1922	59.8	104	23	2.10	.0	6
1923	60.1	99	15	2.51	.0	6
1924	55.0	98	20	2.09	T	7
1925	58.1	103	20	2.67	T	8
1926	52.3	95	9	2.30	0.5	9
1927	56.8	101	10	1.00	T	3
1928	53.9	95	12	1.00	T	5
1929	52.7	105	12	1.65	.0	5
1930	56.2	98	10	1.02	.0	4
1931	61.4	107	27	2.14	T	6
1932	56.8	102	22	0.63	.0	3
1933	60.9	101	22	0.81	.0	4
1934	52.4	95	9	0.96	2.0	7
1935	57.2	105	16	0.43	.0	3
1936	60.3	102	12	1.15	T	5
1937	58.6	104	20	1.47	0.1	6
1938	61.9	99	21	0.63	.0	4
1939	58.9	98	11	0.68	0.2	5
1940	62.8	103	20	1.06	.0	4
1941	55.3	94	17	4.61	0.2	11
1942	54.0	99	4	1.67	2.7	9
1943	55.6	94	19	0.51	.0	4
1944	56.4	91	21	1.46	T	8
1945	54.5	103	14	2.14	0.1	9
1946	56.3	97	18	2.52	T	8
1947	55.5	101	13	1.45	T	7
1948	63.7	105	24	0.31	.0	2
1949	55.6	94	13	0.56	T	4
1950	57.9	100	23	2.42	0.2	8
1951	52.7	85	17	1.71	0.3	11
1952	60.7	101	20	0.62	T	5

RAGES FOR THE PERIOD 1949 TO OATE HAVE BEEN WEIGHTEO ACCOROING TO AREA ANO ARE NOT COMPARABLE WITH UNWEIGHTEO VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature												Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00
EASTERN DIVISION																							
Amenia		78.3	48.1	63.2	5.3	98	10	27	23	142	5	0	1	0	.12	-1.78	.12	13	.0	0		1	0	0
Arvilla State Park		76.2				97	27				4	0		0	.61		.40	13	.0	0		3	0	0
Carrington		75.3	42.9	59.1	2.2	95	11	30	19+		4	0	4	0	.87	- .55	.23	14	.0	0		6	0	0
Cavalier		76.0	45.8	60.9	5.3	98	27	29	23	178	5	0	1	0	.39	-1.93	.29	13	.0	0		3	0	0
Cooperstown		77.9	45.9	61.9M	4.2	97	10	29	19	175	6	0	2	0	.73	-1.03	.48	13	.0	0		3	0	0
Devils Lake WB City	R	74.1	45.4	59.8	3.9	94	10	30	19	207	5	0	1	0	.39	-1.24	.23	13	.0	0		6	0	0
Edgeley Exp. Farm		78.5	45.5	62.0	3.7	98	5	26	23		9	0	2	0	.71	- .95	.62	14	.0	0		3	1	0
Edmore 1 W		75.6	41.5	58.6	2.2	95	12+	25	23	228	5	0	6	0	.33	-1.52	.30	13	.0	0		2	0	0
Ellendale		81.7	48.4	65.1	6.3	99	27	31	23	113	9	0	1	0	.32	-1.36	.22	13	.0	0		4	0	0
Enderlin		78.2	45.3	61.8		98	11	27	23		6	0	4	0	.44		.25	21	.0	0		3	0	0
Fargo WB Airport	R//	75.9	48.9	62.4	4.2	96	10	33	19+	166	5	0	0	0	.15	-2.07	.15	13	.0	0		1	0	0
Forman		79.9	47.8	63.9	4.4	97	4+	28	19	135	6	0	2	0	.13	-1.94	.13	7	.0	0		1	0	0
Fullerton		81.0	46.8	63.9	5.9	98	4+	28	23	135	9	0	2	0	.15	-1.81	.15	13	.0	0		1	0	0
Gackle		78.8	47.8	63.3M	5.5	95	4+	28	20	151	7	0	3	0	.83	- .75	.65	13	.0	0		3	1	0
Grafton State School		76.6	43.1	59.9	2.9	98	27	28	23	205	5	0	2	0	.35	-1.81	.29	13	.0	0		3	0	0
Grand Forks CAA AP		74.3	46.6	60.5	3.6	98	10	32	19	205	4	0	1	0	.36	-1.56	.23	13	.0	0		2	0	0
Grand Forks Univ.		75.6	47.3	61.5	4.6	96	10+	33	19+	182	4	0	0	0	.48	-1.44	.28	13	.0	0		3	0	0
Grand Rapids 1 N		80.0	46.4	63.2		98	27	27	23	156	9	0	3	0	.78		.51	13	.0	0		4	1	0
Hankinson RR Sta.		75.7	48.4	62.1	1.6	94	11+	35	23		5	0	0	0	1.07	-1.03	.74	14	.0	0		5	1	0
Hannah		72.8	42.0	57.4	2.6	92	27	26	19	257	3	0	7	0	.43	-1.68	.26	13	.0	0		5	0	0
Hillsboro		76.6	47.9	62.3	3.3	96	27	29	23	162	4	0	1	0	.21	-1.86	.12	14	.0	0		4	0	0
Jamestown CAA AP		77.0	45.9	61.5	4.5	99	10	30	23	182	7	0	2	0	1.11	- .56	.57	13	.0	0		5	1	0
Jamestown State Hospital		78.0	47.8	62.9	5.9	99	10	31	23	151	6	0	1	0	.99	- .68	.53	13	.0	0		4	1	0
Kensal Wildlife Ref.		77.5	44.3	60.9M		93	27	29	19	182	4	0	4	0	.88		.32	13	.0	0		5	0	0
Langdon Exp. Farm		75.5	42.3	58.9	5.4	94	27	27	22	221	5	0	6	0	.39	-1.84	.33	13	.0	0		3	0	0
Larimore		75.3	45.7	60.5M	4.1	97	27	31	23	197	5	0	1	0	.66	-1.39	.41	13	.0	0		3	0	0
Lisbon		76.1	48.3	62.2M	4.1			28	23	178		0	2	0	.03	-1.97	.03	21	.0	0		1	0	0
Mayville		77.2	46.9	62.1	3.6	96	10+	30	23	162	4	0	1	0	.49	-1.57	.29	13	.0	0		6	0	0
McHenry 5 N		74.7	44.0	59.4M	3.6	95	10+	27	19	211	4	0	2	0	.67	- .76	.40	13	.0	0		5	0	0
McLeod 3 E		80.9	47.4	64.2M	4.6	97	4+	29	23	124	7	0	2	0	.52	-1.51	.26	13	.0	0		4	0	0
Munich 4 SW		73.6	41.9	57.8		92	27	27	22	242	2	0	5	0	.42		.27	13	.0	0		3	0	0
Oakes		77.0	46.5	61.8	2.8	97	11	27	23		7	0	4	0	.39	-1.37	.22	14	.0	0		4	0	0
Park River		78.1	47.7	62.9M	6.0	97	27			134	7	0		0	.42	-1.73	.34	13	.0	0		4	0	0
Pembina 2 N		78.6	45.4	62.0M	7.5	100	27	31	6+	164	6	0	3	0	.46	-1.72	.36	13	.0	0		3	0	0
Petersburg		76.2	44.7	60.5		95	27	30	22	176	4	0	3	0	.71	-1.26	.51	13	.0	0		4	1	0
Sharon		74.7	46.5	60.6	3.2	94	10	32	15	184	4	0	1	0	.54	-1.51	.25	13	.0	0		4	0	0
Valley City		78.6	48.8	63.7	4.9	97	10	30	23	148	6	0	2	0	.18	-1.61	.06	1	.0	0		4	0	0
Wahpeton State School		79.7	49.0	64.4	4.4	96	10	32	19+	126	8	0	2	0	1.00	-1.22	.37	13+	.0	0		6	0	0
DIVISION				61.6	4.1										.52	-1.29			.0					
MIDDLE DIVISION																							
Ashley		78.7	46.7	62.7	4.8	96	27	31	20+	153	7	0	2	0	.66	- .81	.53	13	.0	0		3	1	0
Belcourt Indian Res.		71.2	41.3	56.3		89	26+	26	19+	262	0	0	5	0	.42		.11	28	.0	0		7	0	0
Bisbee		73.0	44.4	58.7	2.0	92	11	29	19	219	3	0	3	0	.34	-1.35	.20	13	.0	0		4	0	0
Bismarck WB City		77.8	49.3	63.6	5.5	98	11	35	22+		7	0	0	0	.43	-1.01	.19	14	.0	0		5	0	0
Bismarck WB Airport	R	79.5	46.8	63.2	5.9	100	10	32	22	146	7	0	1	0	.40	- .83	.25	13	.0	0		4	0	0
Bottineau		71.1	43.9	57.5	2.0	90	28	32	19+		1	0	2	0	.54	-1.05	.28	1	.0	0		7	0	0
Butte		72.6	45.0	58.8M	1.3			30	19			0	2	0	.90	- .58	.80	20	.0	0		2	1	0
Carson No. 2		74.8	46.6	60.7M	2.6			33	22			0	0	0	.26	-1.18	.12	5	.0	0		4	0	0
Center		75.4	43.9	59.7M	1.6	95	27	28	22	191	3	0	3	0	.60	- .76	.28	5	.0	0		4	0	0
Drake		72.9	46.5	59.7	2.1	90	13	35	19+		1	0	0	0	1.02	- .41	.48	21	.0	0		7	0	0
Eckman		71.9	42.0	57.0	1.3	92	27	29	19		2	0	3	0	.95	- .55	.45	1	.0	0		4	0	0
Fessenden		77.4	45.1	61.3	4.7	98	10	31	19	167	5	0	2	0	.92	- .59	.31	13+	.0	0		7	0	0
Fort Yates		83.3	48.1	65.7	5.5	99	27	34	23	105	11	0	0	0	.43	-1.02	.33	13	.0	0		2	0	0
Foxholm 7 N		75.4	46.0	60.7	4.5	90	12+	33	22	156	2	0	0	0	1.13	- .42	.40	13	.0	0		7	0	0
Garrison		75.2	45.6	60.4M	4.5	91	26+	31	22	186	3	0	2	0	.70	- .76	.29	12	.0	0		6	0	0
Granville		75.9	46.3	61.1M	5.2	93	26	32	19	145	3	0	1	0	.50	-1.06	.17	21	.0	0		7	0	0
Hansboro		72.6	43.3	58.0M	3.8	91	27	27	19	228	1	0	3	0	.40	-1.46	.22	13	.0	0		5	0	0
Leeds		77.0	44.1	60.6M		97	10	29	20	169	5	0	2	0	.53		.25	13	.0	0		6	0	0
Linton		81.7	46.9	64.3	4.5	99	10+	30	20	137	9	0	1	0	.33	-1.24	.23	13	.0	0		2	0	0
Maddock Agr. School		75.7	44.3	60.0	3.1	95	10	29	19	192	5	0	3	0	.58	-1.08	.28	13	.0	0		7	0	0
Mandan Exp. Station		77.4	47.3	62.4	3.8	101	11	31	22		7	0	1	0	.24	-1.22	.12	14	.0	0		4	0	0
Mandan Ft. Lincoln Park		82.2	47.0	64.6M		101	10	33	22+	111	9	0	0	0	.35		.20	13	T	0		4	0	0
Max		73.5	45.0	59.3M	2.7	92	28				2	0		0	.28	-1.11	.20	21	.0	0		3	0	0
McClusky		76.4	46.8	61.6	4.4	95	10	33	19+	165	5	0	0	0	.78	- .59	.25	5	.0	0		6	0	0
Minot CAA AP		72.4	47.0	59.7	3.3	90	12+	32	22	186	2	0	1	0	.78	- .82	.45	12	.0	0		6	0	0
Minot Exp. Farm		73.7	46.2	60.0		90	26	32	22	169	1	0	1	0	1.04		.55	13	.0	0		6	1	0
Mohall		74.8	45.0	59.9	5.0	91	26	29	19	173	1	0	2	0	1.37	- .19	.65	1	.0	0		6	1	0
Napoleon 1 SE		79.6	47.2	63.4	5.9	97	10	31	19+	146	9	0	3	0	.45	-1.01	.18	13	.0	0		5	0	0
New Salem 1 S		80.1	46.2	63.2	4.9	97	27	32	22	125	7	0	1	0	.20	-1.11	.10	5+	.0	0		2	0	0
Pettibone		76.0	47.9	62 0	5.4	94	10+	31	19	158	5	0	1	0	.89	- .45	.35	13	.0	0		5	0	0
Riverdale		73.3	47.0	60.2		91	27	34	19+		2	0	0	0	.96		.39	21	.0	0		6	0	0
Rolla		71.8	43.6	57.7	2.6	89	12+	20	19	231	0	0	1	0	.51	-1.24	.18	30	.0	0		6	0	0
Rugby		76.2	45.7	61.0		92	27	32	2+	164	4	0	2	0	.34	-1.34	.14	21	.0	0		5	0	0
San Haven		72.8	45.1	59.0	4.0	89	26+	31	22	203	0	0	1	0	.46	-1.21	.10	1+	.0	0		8	0	0
Steele		80.0	44.8	62.4M	4.7	98	10	27	19	143	7	0	4	0	.56	- .97	.28	13	.0	0		5	0	0

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

BLE 2 - CONTINUED

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail: Total	Max. Depth on Ground	Date	No. of Days: .01 or More	.50 or More	1.00 or More
ner	76.5	43.5	60.0M	3.1	92	26+	27	19	179	4	0	3	0	.47	-1.25	.25	13	.0	0		3	0	0
tle Lake	75.8	44.7	60.3M	2.8	91	27	33	19+	181	2	0	0	0	.61	- .66	.21	5	.0	0		5	0	0
erwood	73.7	44.5	59.1	.9	92	28	32	19+		4	0	4	0	.85	- .55	.33	21	T	0		5	0	0
am 3 N	76.6	43.0	59.8		93	27	28	19	176	2	0	3	0	.61		.23	21	.0	0		6	0	0
va	72.5	47.1	59.8	2.6	87	12+	34	19+	173	0	0	0	0	.91	- .65	.53	21	.0	0		5	1	0
hburn	78.7	45.5	62.1	2.8	95	27	33	19+	144	5	0	0	0	.70	- .57	.23	5	.0	0		6	0	0
thope	71.7	43.9	57.8M	2.2	89	27			225	0	0		0	.85	- .60	.22	13	.0	0		10	0	0
low City	74.8	42.7	58.8M	4.1	92	26	27	19	197	3	0	2	0	.28	-1.37	.10	21	.0	0		5	0	0
ton RR Station	73.7	46.0	59.9	2.6	95	11	33	23		4	0	0	0	.72	- .53	.17	5	.0	0		5	0	0
hek		43.5					30	22			0	2	0	.50	- .95	.36	13	.0	0		2	0	0
DIVISION			60.5	3.5										.62	- .81			T					
WESTERN DIVISION																							
ont 7 SW	79.9	49.0	64.5		99	27	31	22	126	7	0	1	0	.24		.15	13	0	0		2	0	0
don	77.0	45.5	61.3	2.9	93	10	32	23		5	0	1	0	.51	- .96			.0	0		3	0	0
ch	74.9	43.6	59.3	1.9	91	10	30	22+		1	0	2	0	.62	- .65	.30	5	.0	0		4	0	0
field	77.1	45.2	61.2	3.2	93	9	27	22	151	1	0	1	0	.91	- .43	.33	5	.0	0		8	0	0
bells	70.5	43.8	57.2	2.6	91	27	28	19		1	0	3	0	1.11	- .30	.51	1	.0	0		6	1	0
bells 5 E	69.9	43.6	56.8		89	27	27	19		0	0	2	0	1.16		.43	1	.0	0		9	0	0
man Court House	80.4	43.7	62.1	4.3	94	9	31	22+	148	7	0	2	0	.15	-1.12	.06	12	T	0		3	0	0
sby	72.9	44.5	58.7	3.9	91	26	30	19+	194	1	0	2	0	1.04	- .20	.25	13+	.0	0		8	0	0
kinson CAA AP	76.9	46.6	61.8	5.4	94	12	32	22	160	6	0	1	0	.49	- .81	.24	12	.0	0		5	0	0
kinson Exp. Sta.	76.6	44.6	60.6	4.2	91	27+	28	22		4	0	1	0	.63	- .67	.30	13	.0	0		5	0	0
n Center	76.0	40.3	58.2	1.7	92	13	26	22+		3	0	5	0	.82	- .58	.28	5	.0	0		4	0	0
owoods	77.8	45.2	61.5M	4.0	94	12	28	22	155	3	0		0	.82	- .67	.49	13	.0	0		6	0	0
ing	75.2	44.8	60.0	3.3	90	26	32	19+	172	1	0	2	0	1.01	- .28	.47	13	.0	0		6	0	0
nora	75.8	44.6	60.2M	4.9	92	26	29	22	170	1	0	2	0	.50	- .73	.23	13	.0	0		5	0	0
tinger	78.4	47.7	63.1	4.5	95	27	32	22	149	6	0	1	0	.04	-1.26	.04	8	.0	0		1	0	0
nare	71.7	43.2	57.5	1.3	90	27	30	19+		1	0	4	0	1.25	- .32	.47	13	.0	0		6	0	0
twood 12 N	71.7	42.9	57.3		89	26	27	22	236	0	0	3	0	.88		.32	13	T	0		5	0	0
narth											0		0	.11	-1.15	.07	6	.0	0		3	0	0
ora 4 NNE	79.1	41.4	60.3M		93	9	26	22	173	4	0	4	0	.77		.64	5	T	0		4	1	0
t	78.4	43.0	60.7M	2.9	96	27	27	22	189		0	3	0	.53	- .84	.25	13	.0	0		4	0	0
England	79.1	44.1	61.6M	4.2	95	27	29	22	159	6	0	1	0	.50	- .87	.30	13	.0	0		2	0	0
town	76.5	45.4	61.0M	3.5	91	12	30	22	151	2	0	1	0	.53	- .81	.30	14	.0	0		3	0	0
shall	76.0	43.9	60.0	4.7	91	26	28	19	172	1	0	4	0	.85	- .64	.31	21	.0	0		5	0	0
tal	71.2	43.9	57.6	2.4	90	27	31	19+		1	0	3	0	1.34	- .12	.56	1	.0	0		9	1	0
ers Lake 1 N	72.2	44.1	58.2	1.9	89	26	30	19+	215	0	0	3	0					.0	0				
nardton Abbey	79.0	47.9	63.5	5.3	93	27	35	22	124	6	0	0	0	.32	-1.00	.16	5	.0	0		5	0	0
ish	73.6	41.1	57.4M	- .1	90	13+	30	22+		2	0	2	0	1.18	- .16	.56	13	.0	0		6	1	0
ley	73.7	43.2	58.5M		88	26	29	22	202	0	0	1	0	1.11	- .26	.39	13	.0	0		5	0	0
ford City	76.2	45.3	60.8	3.1	91	26	29	22	157	1	0	2	0	.31	-1.00	.16	13	.0	0		4	0	0
liston WB City R//	74.2	47.8	61.0	4.4	90	26	34	22	151	1	0	0	0	1.08	- .01	.40	12	.0	0		5	0	0
DIVISION			60.1	3.3										.72	- .54			T					
STATE			60.7	3.6										.62	- .91			T					

le 6

EVAPORATION AND WIND

Station		Day of month: 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
BELLS 5 E	EVAP	.19	.14	.20	.19	.19	.17	.17	.13	.17	.17	.06	.02	.16	.20	.24	.16	.23	.01	.05	.20	*	.23	.10	.14	.17	.17	.19	.21	.14	.16		4.56
	WIND	219	68	89	32	28	87	130	42	38	132	71	21	116	281	171	54	75	44	70	38	*	160	18	25	64	65	120	183	93	46		2622
ILS LAKE WB CITY	EVAP	.22	.11	.18	.28	.01	.11	.09	.22	.22	.11	.28	.29	.05	.19	.18	.19	.21	.17	.09	.12	.09	.10	.09	.15	.17	.17	.27	.21	.14	.26		4.97
	WIND	133	45	51	44	31	45	61	33	57	48	40	59	74	91	52	35	65	75	34	43	27	33	28	41	50	48	44	65	40	64		1556
KINSON EXP STA. A	EVAP	.23	.08	.14	.09	.28	.06	.16	.14	.19	.20	.15	.13	.20	.23	.19	.12	.20	.12	.15	.08	.10	.15	.10	.15	.25	.02	.19	.22	.13	-		4.608
	WIND	275	115	45	45	95	145	170	70	120	115	90	70	95	140	125	55	80	90	90	70	80	70	50	45	55	40	60	130	60	50		2740
ELEY EXP FARM	EVAP	.24	.24	.27	.35	.29	.14	.21	.17	.20	.27	.40	.32	.40	.13	.20	.17	.23	-	.46	.12	-	.09	.23	.06	-	.20	.19	.44	.19	.24		7 178
	WIND	180	67	71	66	84	126	51	53	62	38	104	117	130	84	82	33	62	65	49	43	30	188	17	69	-	-	-	-	-	-		21598
DAN EXP STA A	EVAP	.19	.15	.12	.14	.19	.05	.10	.06	.20	.16	.19	.24	.23	.18	.19	.11	.20	.10	.18	.11	.09	.11	.10	.10	.12	.11	.17	.22	.16	.13		4.40
	WIND	260	171	27	33	80	115	143	48	139	91	65	138	146	128	128	48	111	78	110	70	68	84	40	41	56	40	52	122	63	50		2745
EROALE	EVAP	.17	.15	.20	.22	24	.14	.19	.17	.16	.30	.20	.28	.21	.18	.32	.18	.19	.11	.27	.03	.19	.11	.26	.13	.18	.14	.31	.25	.20	.27		5.95
	WIND	222	103	75	91	73	121	179	60	174	172	110	98	126	159	123	69	85	68	77	57	73	55	80	45	51	96	82	81	65	73		2943

AN 6 FEET IN DIAMETER, 24 INCHES DEEP, IN GROUND 20 INCHES.

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
SEPTEMBER 1952

Station		Total	Day of month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S		.36	.01				T								.35	T								T								
ALEXANDER		.39					.10	.03	.02	.02					.11								.11									
ALMONT 7 SW		.24					.09								.15				T												
AMBROSE		1.08	.15					T		.15	.11			T	.16				T			.40	.09						.02		
AMENIA		.12													.12																
AMIDON		.51					*	.39							.12					T		T									
AMIDON	R	.46					.06	.29						.11																	
ANTLER	R	.99					.05							.29	.16				.10			.13	.08					.10	.02	.06	
ARVILLA STATE PARK		.61	.05				.16		T						.40	T								T							
ASHLEY		.66								.06					.53								.07								
BALDHILL DAM		.30	.25						T														.03	.02							
BALTA		.41	T												.16				.14				.11								
BANTRY		.93	.65										T				T							T	T				.28		
BEACH		.62	.01				.30	.27							.04																
BEACH	R	.72				.10	.48	.10						.04																	
BELCOURT INDIAN RES		.42	.03				T		.01	T					.06	.05						T	.06						.11	.10	
BELCOURT INDIAN RES	R	.45	.03						.02						.07	.04							.05					.12			.17	
BELFIELD		.91					.33	.17	.05	.04	.08			.12	.13				T	.04	T											
BERTHOLD		.99	.25			T			.07		.01		.02	.01	.45				.06			.01	.11									
BEULAH		.83					.38								.38								.07									
BEULAH	R	.77					.35							.28	.04							.09	.01									
BI HEP		.34					.01								.20								.04									
BISMARCK WB CITY		.43	.08			T	.11	.01	T						T	.19	T			T			.04	T						.09	
BISMARCK WB AIRPORT	R	.40	.06				.06	T						T	.25	T			T				.03									
BOTTINEAU		.54	.28			T	.02		.01	T		T				.02	T			.03				.15					.03			
BOWBELLS		1.11	.51							.02	.06	.08			.32					.12											
BOWBELLS 5 E		1.16	.43	.06			T			.06	.09	.07	T		.23	T				.13	T		.07						.02		
BOWMAN COURT HOUSE		.15					.04							.06	.05																
BOWMAN 11 SE		.04							.04																						
BOWMAN 30 NNW		.53					.18	.22						.13																	
BREIEN	R	.37					.02							.05	.30																
BUCHANAN	R	.91					.05								.40				.05			.01	.40								
BURT 16 N		.15												.15																	
BUTTE		.90				.10									T				T			.80									
CANDO	R	.41	.03												.20								.09							.09	
CARRINGTON		.87	.17				T	.11		T						.23				.10			.21	.05							
CARSON	R	.18					.13							.05																	
CARSON NO 2		.26					.17	.01							.06							.07									
CAVALIER		.39	T			T									.29	.03								.07							
CENTER		.60	.12				.28	T					.10				T						.10								
COLGATE		.37	.02				.01		.01						.29																
COLUMBUS		1.17	.30				.03	.03		.15		.02	.02		.15				.03			.01	.15						.23		
COOPERSTOWN		.73					.15		T						.48					.10											
COURTENAY		.76	.03				.05	.05			T				.48					.07			.08								
CROSBY		1.04	.18	.02						.21		.02	T	T	.25				T			.25	.03						.08		
CROSBY	R	.84	.02							.20		.02		.14	.11							.25	.02					.08			
DEVILS LAKE W B CITY	R	.39	.01			T	.06		T						.23				T	.01		T	.03							.05	
DICKINSON CAA		.49	T			T	.16	.03			.04			.24					T		.02	T									
DICKINSON EXP STA		.63	T				.09	.18			.04				.30					T		.0									
DONNYBROOK		.97	.02					.05			.04	T	T	T	.60	T	.10	.05	.06	T											
DRAKE		1.02	.20				.04	.05								.10				.12			.48	.03							
DUNN CENTER		.82	T				.28	.27							.20							T	.07								
ECKMAN		.95	.45				T			T					.31					.09			.10								
EDGELEY EXP FARM		.71	.04						T	.05						.62															
EDMORE 1 W		.33	.03			T									.30	T															
ELBOWOODS		.82	.04				.24	.02		T	.01				.49								.02								
ELGIN 5 S		.33					T	T	T						.33				T	T											
ELLENDALE		.32	T				T		.02	T					.22	.05			T				.03								
ENDERLIN		.44						T		T						.16				.03			.25								
EPPING		1.01	.03						.10	.08	.18				.47								.15								
ESMOND	R	.34	.02												.70				.10				.02								
FAIRFIELD		.86	T				.66	.03						.13	.02						T	.02									
FARGO WB AIRPORT	R //	.15	T			T	T		T	T	T			T	.15				T												
FESSENDEN		.92				T	.14		.01						.31	.01			.10	.04			.31								
FLASHER		.33					.03								.11	.09															
FLAXTON		1.00	.27				.01			.15	.03		.02		.20				.12	.01			.11					.08		T	
FORBES 13 NW		.78								.12					.66																
FORMAN		.13							.13	T					T	T				T		T									
FORT YATES		.43								.10					.33																
FORT YATES	R	.44							.10	.01					.33																
FOXHOLM 7 N		1.13	.23	T		T			.11	.05			T		.40			.11				.08	.15								
FRYBURG	R	.86				.05	.26	.08			.03			.44																	
FULLERTON		.15							T	T	T	T			.15				T			T	T								
GACKLE		.83													.65								.15	.03							
GARRISON		.70	.03				.16			T				.29	.05				T			.13	.04								
GLEN ULLIN 13 N		.48					.33								.15																
GOLDEN VALLEY 10S		.59					.43								.16				T												
GRACE CITY	R	.56	.02				.14								.25				.04				.10	.01							
GRAFTON STATE SCHOOL		.35					.05								.29	.01							T								
GRAND FORKS CAA		.36	T				.13		T						.23	T														T	
GRAND FORKS UNIV		.48	.07				.13				T				.28																
GRAND RAPIDS 1 N		.78					T		T	.10	T				.51	.02							.15	T							
GRANVILLE		.50	.07						.03						.08				.12	.01		.02	.17								
GRASSY BUTTE	R	.91					.49	.09			.05			.18	.02							.07	.01								
GRASSY BUTTE 10N		.25				.25	T																								
GRENORA		.50							.02	.11	T	T			.23					T		*	.14								
HALEY	R	.11							.09					.02																	
HALLIDAY		1.09	T				.40	.05			.05				.55								.04								
HALLIDAY	R	1.08				.01	.39	.04			.04			*	.57							.01	.02								
HANKINSON R R STA		1.07						T	T	.15	.04					.74				.01			.13								
HANNAH		.43	.04				.02					T			.26	.02							.09							T	
HANSBORO		.40	.04				.04		T						.22								.05							.05	
HARVEY 3 NE		.97				T	.10			T					.30			.10	.02		.45										
HAYNES 5 NE	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
HETTINGER		.04					T			.04																					
HETTINGER 17 N	R	.17				.05	.01							.10	.01																
HILLSBORO		.21	.03			T	.05		T	.01	T				T	.12				T		T	T							T	
JAMESTOWN CAA		1.11	.01			T	.01	T	T	T					.57				.05	T		T	.47								
JAMESTOWN STATE HOSP		.99	.03							T					.53				T	.03		T	.40								
KEENE 2 S		.43	.19				.06		T						T								.18								
KENMARE		1.25	.34	T						T	.07		T	T	.47					.12			.14					.11			
KENMARE	R	.98	.04							.08				.44	.04				.13			.07	.08					.10			
KENSAL WILDLIFE REF		.38					.16		.02						.32					.09			.39								
KILLDEER 8 NW		.78					.27								.51																
KULM		.60													.60																
LANGDON EXP FARM		.39	.04			.02									.33									T							
LANSFORD		.90							.01			T	T		.51				.12				.26								
LARIMORE		.66	.06				.19								.41																
LEEDS		.53	.10						.01						.25	.05		.04				.08								T	
LEEDS 10 E		.12	T				.06	.02							.04						T										
LINTON		.33	T				T	T	T	.10		T			.23				T				T								
LISBON		.03					T		T						T								.03								
LITCHVILLE		.80	.01						T	.02	T				.50	.02			T	.04			.21	T							
LOSTWOOD 12 N		.88	.30				T			.11	.05	T	T		.32	T			T			T	.10								
MADDOCK AGR SCHOOL		.58	.06			T	.05		.02						.28				.09	.04			.04								
MANDAN EXP STATION		.24	.06	T			.04	T							T	.12	T			T			.02	T							
MANDAN FT LINCOLN PARK		.35	.05				.09	T							.20				T				.01								
MANNING	R	1.08				.09	.60	.04						.30	.01							.02	.02								

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station		Total	Day of month																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ARMARTH		.11					T	.07							.02					T	.02												
ARMARTH M O U CO	R	.12					.07							.02						.03													
ARTIN		1.16	.40				T	T	T						.19				.11			.46										
AN		.28					.04								T					.04													
AYVILLE		.40	.04				.05		.02	.05	T				.29	.04			T	T			.20								T		
CLUSKY		.78	.08				.25								.15				.04			.09	.17									
HENRY 5 N		.67	.03				.16		T						.40				.06	.02												
LEOD 3 E		.52									T				.26				T	.06			.17	.03								
VILLE		.73					.26								.45					.02												
DINA 1 W		.50	.07												.30								.13									
DORA	R	.51				.01	.28	.08						.14																		
DORA 4 NNE		.77					.64	.04						.07	.02																	
DORA 23 NNW		.37					.05								.32																	
LVILLE	R	1.53	.06				.20								.55				.11	.04		.02	.55									
NOT CAA		.78	.03			T	T		.05	T	T	T	T	.45	T				.07	T		.13	.05									
NOT EXP FARM		1.04	.12				T		.02				T		.55				.07			.13	.15									
FFIT 4 SE		.41	.07	T			T								.31	T				T			.03	T								
HALL		1.37	.65					T		.01	T	T	T		.47				.12			.05	.07								T		
NTPELIER		1.01	.03				T	T	T	.01					.67				T	.02			.28	T									
TT		.53				.06	T	.17				T			.25							.05											
NICH 4 SW		.42	.04			T	T		T						.27	T							T									
POLEON 1 SE		.45	.09				T	T	T	.05	.03				.18					T			.10								.11		
POLEON 1 SE	R	.41	.09							.05	.03				.19								.05										
ENGLAND		.50						.20							.30																	
ROCKFORD 7 WNW		.48	.04				.12		T						.23				.09														
SALEM 1 S		.20	T				.10								.10				T													
STOWN		.53	.11				T		T	T	T	T				.30			T				.12										
ONAN		.90	.24								.27			T	.16								.23										
RTINGATE	R	.83								.16				.18	.06				.18			.07	.07					.03	.08				
RTONVILLE		.06								.06																							
RES		.39		.02					T	.05	T					.22				T			.10	T									
RK RIVER		.42	.01				.04								.34	.03							T										
RSHALL		.85	.25				.02		.02	T	T				.25				T				.31										
WRINA 2 N		.46	.08												.36	T								.02									
TERSBURG		.71	.12				.04								.51	.04				T													
TTIHONE		.80	.05				.10		T						.35				T	.05			.34										
TTIHONE	R	.79					.09								.32					.05			.33										
NGREE		.78	T				.05		.10						.24				T	.07			.32										
RTAL		1.34	.56	.04					.05	.05	.18				.13					.15			.16							.02			
WERS LAKE 1 N		–	.06						T	.15		T		T	–			T				T	.11										
ETTY ROCK		.25				T	.02	.35					T	T	.18																		
EDER		.0																															
EDER 14 N		.05					.02	T							.03							T											
CHAROTON ABBEY		.32				T	.16	.02			.06		T		.07				T			T	.01										
CHAROTON ABBEY	R	.24					.08	.04		.02	.03			.06	.01																		
VERDALE		.96	.14	T		T	.20	.12	T		T				.10	T				.01			.39	T									
LLA		.51	T			T	.02		.02		T				.11								.03										
SBY		.34							.05						.08				.04	.03			.14							.15		.18	
DER		1.23	.19			.03									.82				.03		T		.16										
DER	R	1.10	.06				.05							.74	.06				.04			.15											
W HAVEN		.46	.10			.03	.02								.10	.02						T	.07							.04		.08	
RANTON		–										–	–	–	–	–	–			T			.11										
ISH		1.18	.45					.02			.02	T			.56	.02		–	–	–	–	.08											
LFRIDGE 11 W		.57						T		.12					.45				T														
RTINEL BUTTE 20 S		.36					.10	.22														.04											
RON		.54					.16								.25	.05				.08													
RWOOD 3 N		.69	.30	T						.08	.04		T		1.14				.10			.11							.12		T		
YENNE	R	.66	.05				.08		.03						.31				.08				.09									.02	
ELOS		.76					.01			.02					.23																		
NLEY		1.11	.15						.18	.06					.39								.33										
NLEY	R	.83	.02							.23				.30	.02							.16	.10										
ELE		.56	.10			.06	.02								.28				T				.10										
ESTON		.30					.34								.26					.10			.60										
US		.62	.25					T	.18	.03	T	T	T						.06				.10										
GA		1.43							.12	.24	.21	.11	.05		.10							.40	.20										
LEY 5 NNE		1.36	T				T		T	.04			T	T	.77	T			.12			.17	.19							.03	.04		
NER		.47													.25			.12				.10									T		
TTERS 6 WNW		.41					.25	T	T		.05				.11							T											
TLE LAKE		.61	.14			T	.21								.08				.07				.16										
TLE		.80					.18	T							.32				.02	.03			.25										
ERWOOD		.85	.20				.18	.08	.06																								
AM 3 N		.61	.09						T						.14				.09	.05	.01		.33										
LEY CITY		.18	.06						.02	T									.05				.23										
VA		.91	.14				T		T		T				.03				.09			.12	.05										
ONA		.19								.03						.08			T	.01			.07										
PETON STATE SCHOOL		1.00					f		.12	.03					.37	.37				.07	T		.04										
HALLA		.56													.42									.14									
WICK		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HRURN		.70	.08				.23	.04		.07					.06				T				.22										
HRURN WATER WKS	R	.76	.08				.25	.04		.10				.01	.04							.05	.19										
AUGA 8 N S OAK		T							T					T					T													
FORD CITY		.31	.05				.06								.16								.04										
FORD CITY 11 E	R	.72	.03				.10	.04						.33	.07							.14	.01										
THOPE		.85	.15				.03			.03					.22				.05	.04		.12	.08						.06		.07		
OROSE		1.08	.22				.02			.20	.07		T		.34							.13	.10										
LISTON WR CITY	R	1.08	T			T	.02	.01	.07	.07	.24		T	.40	.18	T			T	T	T	.09											
LOW CITY		.28					T		.03						.03	T							.10									.08	
TON RR STATION		.77	.15				.17	.15								.09			.04	.02			.14										
HFK		.50								.14					.36					T			T										
OWORTH 5 E		.98					.10		.09						.29				.02				.41	.07									
L		.51			T			T		.22	T		T		.05				T			.20	.04										

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

NORTH DAKOT
SEPTEMBER 195

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	62	75	84	94	71	75	87	83	91	95	93	90	79	65	80	89	66	66	63	67	65	66	79	88	83	95	99	77	87	82		79.
	MIN	44	39	51	60	53	44	59	56	58	64	57	63	54	40	45	50	46	39	39	39	42	31	40	47	43	49	58	46	58	56		49.
AMENIA	MAX	67	68	87	87	73	67	76	86	89	98	94	94	92	70	72	85	74	64	62	68	64	59	69	81	70	89	97	83	84	80		78.
	MIN	49	41	45	53	52	47	52	60	63	62	69	63	57	44	43	37	52	49	35	39	45	37	27	41	49	40	53	54	43	42		48.
AMIDON	MAX	59	63	81	90	87	57	79	84	87	93	82	85	92	61	65	79	82	79	59	57	66	65	71	75	84	85	90	92	79	81		77.
	MIN	35	38	49	51	51	46	55	53	55	62	54	55	50	38	40	36	47	37	38	42	38	33	32	39	44	52	62	40	45	47		45.
ARVILLA STATE PARK	MAX	65	69	85	80	77	64	75	84	80	95	94	92	83	64	70	84	73	61	60	65	63	57	69	82	68	89	97	79	85	78		76.
	MIN	47																			35		35	28	44	46	36	54	50	44	43		
ASHLEY	MAX	64	68	84	92	75	73	90	87	93	95	90	90	83	67	75	86	86	67	62	66	66	60	67	81	76	87	96	78	83	78		78.
	MIN	43	40	48	55	56	41	58	58	60	60	62	64	55	41	39	40	47	42	33	31	41	31	33	43	42	49	48	48	48	45		46.
BALDHILL DAM	MAX																																
	MIN																																
BEACH	MAX	58	62	75	88	88	58	81	83	75	91	76	77	79	61	66	79	80	78	58	57	67	65	70	76	85	83	89	85	77	80		74.
	MIN	39	37	42	51	50	48	49	53	54	58	55	56	53	41	40	41	43	40	35	36	40	30	30	35	39	40	49	40	42	42		43.
BELCOURT INDIAN RES	MAX	60	67	81	69	62	64	82	76	72	74	85	83	77	56	69	80	63	56	59	65	60	57	70	79	68	89	89	72	79	73		71.
	MIN	45	30	45	46	47	39	49	49	51	55	55	50	53	38	36	43	39	40	26	30	34	26	28	33	45	41	41	47	35	43		41.
BELFIELD	MAX	75	79	85	88	75	79	85	79	93	85	79	89	65	64	79	79	73	60	60	59	64	70	70	85	84	89	86	77	82	77		77.
	MIN	43	46	48	53	44	46	54	54	57	58	54	54	51	42	40	38	47	39	33	41	43	27	36	36	39	41	53	42	41	50		45.
BISBEE	MAX	62	67	82	70	66	66	83	77	75	86	92	90	79	58	69	82	61	57	60	61	62	57	72	80	68	89	91	72	80	75		73.
	MIN	46	35	50	49	51	39	51	56	53	55	57	54	54	42	34	41	41	42	29	33	40	32	30	40	44	39	52	46	48	50		44.
BISMARCK WB CITY	MAX	59	62	73	85	92	70	75	87	87	92	98	92	91	67	65	72	87	68	62	62	69	63	65	77	84	80	94	97	76	84		77.
	MIN	46	41	50	60	59	44	48	60	62	64	63	68	64	45	42	43	50	47	36	36	45	35	35	42	47	52	44	50	47	55		49.
BISMARCK WB AIRPORT	MAX	64	72	86	96	65	77	87	87	93	100	94	93	72	68	78	89	66	65	64	70	65	63	76	84	78	94	98	77	84	80		79.
	MIN	46	40	46	55	47	45	60	57	61	58	61	69	49	44	3	41	45	41	35	33	45	32	34	39	44	52	43	48	45	50		46.
BOTTINEAU	MAX	55	61	69	80	75	64	68	83	78	70	77	81	89	62	59	70	78	60	58	60	61	65	58	72	80	70	89	90	73	78		71.
	MIN	44	34	45	51	51	42	46	55	55	58	56	53	60	42	34	44	40	38	32	33	34	32	36	37	43	46	45	46	37	48		43.
BOWBELLS	MAX	52	61	73	84	71	65	67	82	75	76	73	62	82	62	63	70	71	59	58	62	60	62	64	74	81	73	91	87	75	79		70.
	MIN	45	36	45	50	47	43	47	53	52	53	55	55	52	41	36	42	44	40	28	3	47	30	34	41	38	45	54	43	40	44		43.
BOWBELLS SE	MAX	53	59	70	80	74	62	66	79	79	75	71	62	83	61	62	73	72	58	58	60	65	61	62	77	79	78	89	84	72	77		69.
	MIN	44	36	46	49	47	43	46	50	54	53	55	55	54	43	36	42	43	40	27	34	40	30	37	40	39	44	54	43	37	46		43.
BOWMAN COURT HOUSE	MAX	61	74	89	93	87	79	86	81	94	93	90	93	74	66	79	77	81	76	59	67	64	69	75	85	86	91	93	83	83	83		80.
	MIN	35	35	43	55	49	42	58	50	51	53	51	55	49	37	36	39	46	47	42	39	38	31	31	39	45	49	52	38	42	48		43.
BUTTE	MAX		62	68	81	74		73	83	87		84	85	89	64	64	72	80	61	58	60	65	61	60	71	78	70		69	78	74		72.
	MIN	37	39	50	53	55	41	50	53	56	57		52	55	40	41	44	44		30	39	45	32	40	45	45	40	43	45	47	43		45.
CARRINGTON	MAX	73	70	69	83	85	67	66	85	81	84	95	92	91	81	65	71	91	61	59	61	65	61	58	71	80	70	89	94	74	81		75.
	MIN	44	33	34	49	50	37	38	52	54	54	8	58	62	40	39	38	41	40	30	30	41	30	30	33	42	40	44	47	47	53		47.
CARSON NO 2	MAX	57	60	71	84	92	61	75	84	82	92	94	96	92	66	61	76	87	67	63	60	67	61	65	74	83							74.
	MIN	41	38	48	48	57	44	52	54	59	65	62	59	57	40	40	41	49	42	4	38	40	33	40	43	45	48	41	44	43	42		46.
CAVALIER	MAX	60	70	81	75	78	65	81	81	75	96	95	95	59	61	70	85	75	59	59	64	62	56	71	83	71	90	98	84	82	78		76.
	MIN	49	40	54	48	50	34	48	55	51	59	65	60	58	43	43	37	46	45	36	36	38	35	29	38	48	41	50	48	49	50		45.
CENTER	MAX	61	71	85	88	75	73	84	80	90	91	82	64	73	64	73	79	68	61	60	68	61	61	76	83	78	83	95	77	81	78		75.
	MIN	44	42	46	58	53	48	55	57	57	61	55			39	44	44	40	44	30	34	41	28	32	33	40	43	41	46		41		43.
COOPERSTOWN	MAX	63	66	84	85	85	65	83	83	85	97	96	92	87	65	69	83	82	60	59	63	67	62	70	79	78	90	95	92				77.
	MIN	46	37	49	52	50	49	50	56	57	59	61	65	55	43	37	41	46	44	29	34	42	33	31	40	45	47	47	48	47	50		45.
CROSBY	MAX	67	73	84	78	72	71	82	75	78	74	63	84	72	63	76	73	63	59	60	65	67	64	71	80	81	91	83	74	78	75		72.
	MIN	43	39	47	49	44	46	52	52	52	53	56	52	50	43	43	44	47	40	30	34	42	30	36	41	39	48	49	45	39	49		44.
DEVILS LAKE W B CITY	MAX	63	67	83	78	62	66	85	79	78	94	93	92	75	63	70	95	62	59	59	64	61	55	71	80	68	91	93	72	80	76		74.
	MIN	44	36	51	48	41	38	52	54	55	56	60	64	48	43	38	45	46	37	30	37	41	33	35	44	43	44	55	48	50	47		45.
DICKINSON CAA	MAX	61	74	90	90	65	77	85	79	91	88	82	94	65	65	77	81	71	59	61	65	62	68	75	84	83	90	91	76	81	77		76.
	MIN	40	41	48	61	50	46	60	53	57	58	57	61	43	42	43	45	47	41	38	40	38	32	40	45	43	50	53	43	44	44		46.
DICKINSON EXP STATION	MAX	59	62	75	88	90	87	78	85	78	90	86	80	82	62	65	76	79	69	64	62	65	64	68	75	84	84	91	91	77	81		76.
	MIN	40	37	40	54	57	47	50	55	57	57	58	58	55	39	41	39	47	43	34	37	42	28	40	38	37	40	46	42	40	46		44.
DRAKE	MAX	60	62	69	82	75	63	73	82	77	79	85	89	90	65	65	72	81	61	58	60	66	62	59	73	79	70	89	89	74	79		72.
	MIN	42	39	46	56	54	41	46	56	56	58	57	56	61	45	40	41	42	44	35	35	42	37	39	41	43	47	55	48	46	46		46.
DUNN CENTER	MAX	55	63	74	88	89	57	77	89	78	87	85	76	92	64	67	77	82	64	63	63	69	64	67	77	85	84	90	91	81	81		76.
	MIN	43	36	37	44	52	47	45	45	56	57	56	49	50	43	40	35	35	34	30	30	33	26	26	31	36	36	39	39	37	37		40.
ECKMAN	MAX	52	57	71	82	74	63	67	85	77	78	76	72	88	64	64	72	78	59	59	58	65	63	62	74	83	72	92	90	90	80		71.
	MIN	39	33	40	53	50	42	47	57	58	56	52	48	55	42	33	41	40	41	29	30	40	30	35	37	39	42	40	41	36	41		42.
EDGELEY EXP FARM	MAX	67	66	70	88	98	70	72	92	90	91	97	93	92	78	68	74	86	70	63	61	63	65	68	71	73	76	90	96	82	85		78.
	MIN	44	34	44	51	53	37	45	57	58	58	59	64	64	41	40	43	47	46	32	33	47	33	26	37	44	42	42	50	44	49		45.
EDMORE 1 W	MAX	64	67	84	80	67	65	84	79	78	93	92	95	85	60	71	81	70	61	61	64	63	57	69	80	71	91	95	83	82	77		75.
	MIN	43	31	4	46	48	32	47	47	51	56	55	60	55	40	34	36	47	39	26	29	35	26	25	36	46	37	45	40	39	48		41.
ELROWOODS	MAX	62	80	88	89	82	71	85	80	85	84	73	94	84	64	76	82	72	62	62	67	64	66	77	84	78	93	90	81	82	76		77.
	MIN	46		42	52	50	45	56	53	55	58	56		57	46	37			43	30	37	47	28	37	35		46	42	44	37	50		45.
ELLENDALE	MAX	68	70	97	95	89	75	90	86	96	97	93	92	87	70	75	89	80	66	66	69	65	60	73	85	77	93	99	90	87	81		81.
	MIN	47	39	45	51	57	42	55	61	62	63	65	64	58	40	43	45	49	47	38	36	48	37	31	42	46	42	45	54	46	48		48.
ENDERLIN	MAX	68	68	68	87	87	64	70	83	89	91	98	94	94	85	70	74	87	72	64	65	68	62	59	78	84	72	90	97	75	84		78.
	MIN	49	37	47	48	56	44	50	58	59	63	63	67	66	4	39	38	38	48	30	3	35	37	27	36	44	38	39	54	45	45		45.
EPPING	MAX	62	74	86	87	78	73	82	82	81	78	70	81	77	65	77	79	60	63	60	66	63	67	70	83	82	90	86	75	81	78		75.
	MIN	44	38	48	57	45	46	3	54	57	54	57	55	52	42	39	44	45	37	32	32	42	34	34	3	40	48	53	40	41	44		44.
FARGO WB AIRPORT	MAX	66	66	86	88	64	65	70	84	87	96	97	90	90	67	72	83	67	63	60	66	63	57	67	80	88	96	95	74	84	81		75.
	MIN	45	42	47	57	0	0	52	63	61	67	71	69	57	46	39	41	52	38	33	38	41	40	33	44	44	43	51	54	51	5		48.
FESSENDEN	MAX	64	70	84	85	71	68	87	81	82	88	94	95	86	66	78	85	70	63	64	66	64	58	73	82	73	91	94	80	82	77		77.
	MIN	44	41	46	43	50	46	50	54	58	57	57	55	55	41	37	43	42	43	31	36	47	35	33	41	44	43	50	47	47	50		45.
FORMAN	MAX	67	69	4	97	5	72	82	88	95	97	91	92	87	70	75	87	85	64	64	68	62	60	71	81	74	89	94	81	85	8		79.
	MIN	47	36	45	47	56	42	2	62	64	3	71	72	58	47	38	53	49	47	28	3	43	37	31	39	45	43	46	52	49	52		47.
FORT YATES	MAX	68	73	89	97	91	76	90	88	94	98	97	94	92	78	78	90	78	65	65	79	64	64	74	86	84	96	99	86	85	8		83.
	MIN	45	39	47	56	58	44		54	60	65	68	68	58	44	40	41	50	45	36	35	37	35	34	48	45	47	49	42	48	51		48.

See Reference Notes Following Station Index

Table 5 Continued

DAILY TEMPERATURES

SEPTEMBER 19

Station		Day Of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HOLM 7 N	MAX	56	73	84	83	75	70	83	77	90	82	72	90	86	64	78	71	72	58	62	66	59	63	76	82	90	89	88	90	78			75.4
	MIN	41	35	52	52	41	52	45	44	47	54	56	41	41	45	43	44	34	36	47	33	31	60	45	43	48	48	51	48	51			46.
LLERTON	MAX	66	71	89	98	84	72	92	89	92	98	94	94	84	70	76	89	94	64	63	70	64	60	73	84	86	92	91	90	87	78		81.
	MIN	47	36	42	46	55	40	43	60	60	62	68	68	56	43	40	43	48	48	31	33	47	35	28	42	44	41	4	4	48	5		46.9
CKLE	MAX		68	84	95	83		89	85	90	95	93	91	85	67	72	86	93	60	61	60	60	58	72	85	91	90	94	80	94	78		78.
	MIN		36	46	54	50		54	59	58	62	64	65	54	48	38	53	48	48	32	28	48	34	32	44	4	47	48	43		4		46.
RRISON	MAX	61	70	84	87	71	71	84	77	84	86	80	90		65	74	8	64	60	6	67	63	61	74	80	75	91	91	75	80	76		75.
	MIN	44	38	49	57	50	42	56	48	58	58	58	60	45	44	40	42	42	41	32	33	40	31	38	40	4	50	51	47	42	51		45.6
RAFTON STATE SCHOOL	MAX	63	69	84	77	61	64	73	81	79	95	96	94	87	63	70	82	8	61	59	65	63	62	68	81	78	88	91	95	92	78		76.6
	MIN	41	38	51	44	46	33	46	52	53	55	48	65	58	40	40	35	46	38	31	35	37	34	28	38	37	39	44	48	46	46		43.1
AND FORKS CAA	MAX	62	67	85	79	59	65	71	84	82	98	95	93	82	65	69	83	64	59	59	63	61	56	68	79	67	87	91	72	82	77		74.3
	MIN	46	34	50	50	42	36	49	57	60	62	66	70	56	45	41	39	44	38	34	35	39	37	33	43	47	41	49	49	50	49		46.6
AND FORKS UNIVERSITY	MAX	60	69	85	85	71	63	71	83	80	96	96	93	82	66	70	81	70	59	61	67	64	56	67	79	69	86	96	79	82	82		75.6
	MIN	50	42	50	54	46	44	44	57	63	61	69	71	59	44	42	40	50	45	33	36	41	36	33	42	45	42	49	48	41	47		47.3
AND RAPIDS 1N	MAX	67	69	87	95	85	72	89	91	92	96	93	91	82	68	74	86	75	64	64	68	64	58	72	83	73	91	98	90	85	79		80.0
	MIN	48	35	49	52	55	40	51	57	60	63	63	67	58	44	40	40	45	45	30	32	48	34	27	42	39	37	45	60	45	41		46.4
ANVILLE	MAX	62	70	82	71	70	69	85	81	79	81	77	90	82	64	73	81		67		65	64	62	70	84	73	93	92	77	82	79		75.9
	MIN	47	37	50	52	53	41	53	51	54	56	59	56	55	44	39	47		42	32	35	45	35	33	42	43	46	52	48	43	54		46.3
ENORA	MAX	63		85	83	79	75	83	79	82	78	79	84	70	63	78	73	68	63	62	69	67	67	73	82	81	92	84	80	79	78		75.8
	MIN	43	42	51	54	45	48	53	52	55	52	54	54	52	42	40	43	44	39	32	33	38	29	35	38	39	50	52	40	44	44		44.6
NKINSON R R STATION	MAX	69	63	65	83	92	72	71	75	80	86	94	87	93	91	67	72	81	69	62	62	66	63	58	65	78	70	83	94	74	87		75.7
	MIN	48	40	44	55	57	45	50	58	59	61	61	67	69	46	43	43	44	48	36	38	42	39	35	36	42	43	47	61	47	48		48.4
NNAH	MAX	60	67	79	70	65	65	82	76	74	82	91	90	84	56	68	81	68	60	60	63	60	56	70	79	70	89	92	76	77	75		72.8
	MIN	44	32	45	46	45	29	49	54	50	58	56	62	54	39	36	40	37	37	26	30	32	28	31	35	42	38	50	43	42	50		42.0
NSBORO	MAX	61	68	80	69	61	65	81	75	72	75	88	88	73	59	69	80	59		66	66	63	59	71	80	69	89	91	72	79	76		72.6
	MIN	45	33	48	49	48	36	50	55	47	53	57	51		40	39	40	40		27	34	37	30	29	43	44	40	54	49	47	46		43.3
TTINGER	MAX	61	71	88	93	76	75	87	82	92	94	90	89	74	65	78	84	77	64	60	64	64	61	75	84	84	90	95	77	81	77		78.4
	MIN	36	38	46	61	48	45	60	63	66	64	67	66	53	40	42	43	49	39	45	40	39	32	35	40	43	49	52	41	42	50		47.7
LLSBORO	MAX	64	68	86	84	82	64	71	85	85	95	93	91	85	67	70	84	67	62	60	66	62	58	69	80	67	87	96	88	84	79		76.6
	MIN	48	42	47	53	51	45	49	57	62	63	67	68	65	51	41	37	48	49	35	38	42	38	29	42	47	40	48	47	44	45		47.9
MESTOWN CAA	MAX	64	68	85	92	59	71	88	84	90	99	95	94	78	66	72	86	67	61	63	67	60	57	71	80	73	91	95	74	83	77		77.0
	MIN	44	35	48	53	42	41	52	57	60	60	65	66	49	44	42	42	48	36	32	34	44	35	30	41	44	43	46	51	47	47		45.9
MESTOWN STATE HOSP	MAX	64	69	87	84	77	70	89	85	91	99	95	93	85	67	71	88	74	59	62	65	58	56	72	82	70	92	96	81	82	76		78.0
	MIN	47	37	50	53	53	41	53	59	60	62	66	67	56	44	41	41	50	47	34	36	50	36	31	41	46	43	46	51	47	47		47.8
NMARE	MAX	53	62	72	85	76	65	67	82	76	78	71	63	86	63	62	75	78	59	58	62	65	62	65	76	81	75	90	86	75	82		71.7
	MIN	44	37	42	49	47	42	42	51	51	52	55	54	53	43	39	41	46	40	30	32	38	30	30	40	39	39	53	43	45	48		43.2
NSAL WILDLIFE REFUGE	MAX	66	68	84	86	78	69	84	80	86	92	90	89	80	67	73	86	82	61	64	63	63	59	70	80	73	88	93	91	83	77		77.5
	MIN	45	34	47	48	48	41	51	52	56	55	58	64	59	40	37	39	42	40	29	32	45	30	32	42	42	41	45			45		44.3
NGOON EXP FARM	MAX	68	66	81	77	70	63	82	78	77	88	93	91	87	58	68	83	74	60	60	63	63	58	70	78	70	90	94	90	80	77		75.5
	MIN	44	31	46	45	47	32	47	54	50	58	52	63	53	40	36	41	37	37	28	30	35	27	30	36	39	41	54	44	43	50		42.3
RIMORE	MAX	64	66	84	78	60	63	77	81	79	96	94	93	85	64	72	80	73	61	59	63	64	58	69	80	71	90	97	81	82	74		75.3
	MIN	47	38		47	45	37	49	54	58	54	56	67	57	43	42	41	40	46	35	36	42	35	31	36	46	41	55	51	49	48		45.7
EDS	MAX	64	70	84	80	70	68	86	80	81	97	95	93	86	62	74	72	61	64	67	64	60			74	78	91	93	80	84	77		77.0
	MIN	43	33	47	47	50	37	50	51	51	54	51	56	51	45	34	49	39	35	33	29	45	32	40	39	48	43	53	45	44	48		44.1
NTON	MAX	64	73	88	97	84	77	92	89	95	99	93	93	90	68	78	89	75	64	63	70	64	64	75	85	79	93	99	86	85	80		81.7
	MIN	44	37	39	52	59	44	60	59	62	60	67	66	58	42	35	46	50	43	33	30	43	37	33	37	40	52	41	50	41	47		46.9
SBON	MAX	67	70		95	88	68	80	82	85	93	87	90		69	75	85	66	62	60	64	58	57	68	80	69	89	93	73	83	76		76.1
	MIN	47	38				50	55	59	61	69	68	69		44	39	39	51	49	30	34	50	38	28	45	44	35	55	55	48	55		48.3
STWOOD 12N	MAX	58	71	81	74	71	73	80	71	75	70	66	85	73	61	72	73	69	56	58	63	60	61	71	79	76	89	87	74	79	75		71.7
	MIN	39	35	48	48	39	42	41	52	52	52	54	53	50	41	37	47	44	40	32	31	45	27	35	39	38	49	50	41	42	47		42.9
DOCK AGR SCHOOL	MAX	64	67	83	81	72	65	83	82	79	95	93	91	84	64	71	83	73	60	62	65	63	57	72	78	71	90	90	77	80	76		75.7
	MIN	46	33	49	48	52	37	52	55	55	56	51	61	55	43	37	40	39	42	29	36	41	31	32	41	40	42	46	47	46	47		44.3
DAN EXP STATION	MAX	59	62	71	86	94	64	75	86	85	92	101	94	93	66	65	76	88	66	62	67	67	62	62	75	84	77	92	95	76	83		77.4
	MIN	45	41	48	58	58	44	46	56	59	57	57	64	63	44	39	41	47	44	34	35	47	31	34	42	44	48	47	48	45	53		47.3
DAN FT LINCOLN PARK	MAX	65	75	94	99	75	76	87	87	92	101	98	95	85	67	79	90	72	65	64		64	64	78	87	80	96	100	80	86	82		82.2
	MIN	44	41	47	47	54	44	58	57	59	56	60	65	57	43	40	42	47	43	36	34	46	33	33	42	45	48	45	46	46	53		47.0
MARTH	MAX								78		91	81	84	81			78	79	60	58	64	67	70	65	85	81	90	88	80	88	78		
	MIN																					38	29	31	37	38	38	40	39	35			
	MAX	55	60	71	82	83	60				75	79	83	88		67	75	79	60	58		65	61		74	81	74	90	92	74	78		73.5
	MIN	45	38	46	49	52	42	44			63	58	56	58		39	46	46	42	36		37	32	36	39	41	42	46	47	45	44		45.0
VILLE	MAX	65	67	85	85	78	64	75	83	85	96	91	92	85	65	70	84	78	62	62	66	64	59	69	79	74	88	96	88	83	79		77.2
	MIN	48	41	51	50	49	43	42	52	59	59	62	70	59	44	41	39	49	42	34	39	40	38	30	35	42	43	55	51	51	49		46.9
CLUSKY	MAX	60	70	84	83	80	67	84	80	84	95	92	91	83	64	72	82	70	58	60	64	60	59	76	80	72	90	92	86	79	74		76.4
	MIN	45	37	49	55	52	42	56	57	56	59	53	62	55	42	38	47	38	41	33	35	48	33	37	41	47	49	51	46	45	54		46.8
HENRY 5 N	MAX	63	67	83	80		65	80	79	80	95	92	91	80	65	69	83	64	59	60	64	60	55	69	80	67	88	95	75	81	76		74.7
	MIN	45	35	47	48	50	35	49	52	56	53	59	62	53	40	36	42	42	42	27	34	40	32	33	40	41	40	45	47	46	50		44.0
LEOO 3 E	MAX	69	70	88	97	84	78	78	87	93	97	93	93	90	80	75	89	79	66	67	75	65	61	70	83	72	88	96	78	82	83		80.9
	MIN	48	36	42	53	53	44	51	62	59	65	69	67		46	39	40	47	47	30	35	48	36	29	38	42	44	58	53	45	49		47.4
DRA 4 NNE	MAX	63	76	91	89	85	81	85	79	93	92	78	87	70	66	82	81	78	65	60	69	65	70	77	87	85	91	88	81	82	78		79.1
	MIN	37	36	36	51	50	50		52	59		56	53		44	35	39	48	39	32	40	39	26	31	31	34	38	45	40	33	45		41.4
OT CAA	MAX	59	70	82	76	62	68	85	78	79	77	72	90	62	62	73	78	60	58	60	65	62	61	74	81	72	90	89	75	78	75		72.4
	MIN	46	40	54	52	50	42	52	56	53	57	56	50	44	44	40	48	47	42	33	35	43	32	42	46	46	53	58	49	50	52		47.0
OT EXP FARM	MAX	62	71	82	76	70	68	84	79	80	77	72	89	80	64	73	80	65	58	59	66	63	60	74	91	71	90	89	75	78	76		73.7
	MIN	44	37	49	49	48	40	50	54	50	55	57	52	55	45	40	48	44	44	34	35	45	31	40	40	44	50	51	52	48	53		46.0
ALL	MAX	60	72	84	78	76	71	85	78	78	75	68	89	70	64	74	81	68	60	63	68	64	62	75	83	74	91	89	76	81	77		74.8
	MIN	46	35	48	51	50	49	52	55	49	52	56	56	55	43	36	43	42	41	29	33	45	32	34	41	38	44	54	46	45	51		45.0
T	MAX	60	73	84	83	76	77	86	80	82	80		80	75	65	78	84	72	60	61	67	62	68	78	85	86	92	96	78	83	80		78.
	MIN	38	35	39	54	53	45	54	53	56	52	52	50	54	36	35	34	43	40	31	34	37	30	32	38	39	37		48	37	42		43.

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MUNICH 4 SW	MAX	62	65	80	76	67	64	81	81	74	89	90	89	83	56	69	81	70	60	60	64	67	56	70	78	69	89	92	80	76	76	
	MIN	44	32	46	47	48	34	49	54	51	56	52	59	53	40	33	39	40	40	29	29	38	27	28	35	40	36	45	44	39	51	
NAPOLEON 1 SE	MAX	63	70	84	96	77	74	92	90	91	97	92	92	84	66	75	87	73	63	70	64	64	62	72	82	79	90	95	79	85	79	
	MIN	45	37	48	58	55	43	57	59	59	61	66	66	56	40	40	43	44	39	31	31	48	31	33	46	41	47	50	47	45	49	
NEW ENGLAND	MAX	67	75	90	93	76	78	87	81	93	88	88	93	72	66	79	79	77	63	60	67	63	69	76	85	85	91	95	80	82		
	MIN	35	37	39	55	51	45	60	54	55	57	54	58	51	38	41	37	47	40	35	40	39	29	34	36	42	43	47	42	39		
NEW SALEM 1 S	MAX	62	72	78	92	70	75	85	82	93	95	93	92	75	73	80	85	69	65	68	77	73	68	75	83	85	90	97	85	87	78	
	MIN	42	40	45	50	43	49	54	53	57	57	57	55	50	42	40	43	46	40	40	33	39	32	37	47	47	49	52	50	48	49	
NEWTOWN	MAX	60	74	85	86	77	71	83	78	83	75	71	91	84	65	75	82	81	70	61	66	66	64	75	83	77	90	87	77	80	77	
	MIN	45	38	44	57		43	54	53	57	62	55	55	55	44	40	45	44	43	34	35	47	30	36	37	42	46	45	44	38	50	
OAKES	MAX	68	65	65	85	93	68	70	88	84	92	97	91	92	85	68	72	85	70	62	62	66	61	57	70	82	72	90	93	73	85	
	MIN	48	38	41	46	57	42	49	62	61	61	68	71	69	42	41	41	46	47	37	32	41	36	27	29	41	39	46	49	45	47	
PARK RIVER	MAX	63	69	85	79	73	64	81	81	79	96	94	94	90	62	70	85	79	61	60	65	64		70	82	78	90	97	91	83	79	
	MIN	48	40	54	48	50	35	48	53	54	58	52	64	60	45	42	41	48	45	36	39	42		33	48	47	41	58	50	50	53	
PARSHALL	MAX	60	73	84	87	78	70	84	79	82	78	72	89	80	66	76	82	70	61	63	68	63	64	76	83	78	91	88	79	80	75	
	MIN	45	36	43	59	50	43	53	53	54	59	57	49	56	43	37	45	46	40	28	29	46	29	36	34	32	43	43	44	36	50	
PEMBINA 2N	MAX	64	70	80	80	72	60		81	81	93	95	95	93	75	68	88	88	68	55	65	65	60	70	81	81	89	100	97	82	82	
	MIN	43	36	50	50	48	31	44	53	54	62	51	61	65	42	43	38	42	44	33	31	36	34	31	44	50	43	50	48	54	50	
PETERSBURG	MAX	64	66	84	79	73	68	78	78	78	93	92	91	82	67	70	82	72	62	67	64	65	55	67	82	79	88	95	86	81	78	
	MIN	45	35	49	46	46	36	48	55	54	55	56	62	55	41	38	45	45	42	32	32	42	30	33	41	41	41	49	46	50	52	
PETTIBONE	MAX	63	68	82	91	74	73	84	83	85	94	90	90	79	65	70	85	65	59	60	65	60	57	71	81	71	89	94	77	81	74	
	MIN	46	36	47	54	54	43	54	60	60	59	61	65	55	45	38	44	45	46	31	36	49	34	34	48	48	46	51	48	51	50	
PORTAL	MAX	51	59	73	84	75	64	68	81	72	78	71	71	83	61	62	76	75	58	57	63	65	63	65	74	79	76	90	88	75	80	
	MIN	43	38	46	48	45	43	48	50	53	51	55	55	53	41	38	45	43	39	31	31	38	31	35	42	39	52	51	42	43	47	
POWERS LAKE 1N	MAX	58	70	83	78	72	69	80	74	78	70	67	86	75	62	74	76	60	58	60	65	61	61	71	80	79	89	85	72	79	74	
	MIN	43	36	46	49	48	43	52	52	54	52	55	54	50	42	35	44	45	42	30	30	42	30	36	38	39	52	51	40	43	51	
RICHARDTON ABBEY	MAX	60	74	88	91	83	77	86	79	92	92	82	92	84	64	79	83	73	63	59	68	62	70	77	85	85	92	93	80	82	76	
	MIN	42	39	49	60	49	46	58	57	58	64	56	62	55	41	43	47	49	43	39	39	44	35	38	45	42	46	56	44	47	44	
RIVERDALE	MAX	54	60	70	83	85	59	70	83	76	85	87	79	89	65	64	73	81	66	59	60	66	61	61	73	80	75	91	90	76	79	
	MIN	44	43	47	57	53	42	44	56	57	59	58	58	59	45	43	47	46	43	34	37	42	34	36	40	46	49	52	47	44	49	
ROLLA	MAX	61	67	81	68	63	66	82	76	72	74	86	89	78	57	69	88	60	56	60	63	61	57	70	80	67	87	89	72	80	74	
	MIN	43	34	46	45	48	37	49	54	48	53	56	49	53	39	39	43	43	41	20	36	38	33	33	45	45	41	54	49	46	47	
RUGBY	MAX	62	70	82	77	76	79	84	80	79	90	86	90	87	62	71	82	76	58	61	65	62	57	72	80	73	90	92	83	82	77	
	MIN	47	32	48	47	47	42	53	58	54	58	58	58	56	43	36	45	43	42	32	36	43	34	38	41	43	46	48	47	43	53	
SAN HAVEN	MAX	62	68	79	76	69	65	83	78	71	75	84	88	83	56	69	79	68	56	60	65	60	55	71	80	72	89	89	82	79	74	
	MIN	44	36	46	49	50	41	50	56	56	58	56	57	54	40	37	45	43	41	33	37	43	31	33	40	45	45	47	49	41	49	
SANISH	MAX	62	62	73	87		65	72	83	78	87	78	72	90	62	61	75	81	62	61	62	62	63	63	76	83	78	90	86	80	81	
	MIN	43	33	34	39	55	40	40	51	54	54	54	54	55	44	37	37	44	44	33	33	33	30	30	34	35	39	43	41	35	35	
SHARON	MAX	65	65	81	81	75	64	80	81	80	94	92	90	82	63	67	80	70	61	59	62	64	56	66	77	70	87	92	77	82	77	
	MIN	45	37	49	51	50	40	48	56	57	57	62	64	55	43	32	45	46	43	33	37	42	33	35	43	44	45	50	49	52	53	
STANLEY	MAX	60	71	80	82	80		80	74	80	74	69	86	70	63	75	78	67	64	61	65	63	62	73	80	78	88	85	75	78	75	
	MIN	43	38	46	50	53	47	50	48	51	49	48	52	50	40	38	43	45	38	33	33	33	29	33	38	43	44	50	45	43	49	
STEELE	MAX	63	70	85	96	80		86	87	90	98	94	92	82	65	74	87	72	61		68	65	60	73	83	77	92	95	85	84	77	
	MIN	43	34	44	55		40	54	52	55	57	64	64	54	40	36	44	47		27	30	46	31	32	40	42	47	48	46	44	44	
TOWNER	MAX	64	70	82	75	78	71	85	80	78	85	80	91	80	65	73	74	62	67	62	67	65	69	73	82	78	92	92	88	90	77	
	MIN	45	44	46	48	48	45			58	54	54	50	54	39	33	44	39	39	27	35	45	30	31	44	49	45	42	45	38	48	
TURTLE LAKE	MAX	69	71	80	83	74	70	84	82	82	89	87	90	86	64	80	80	70	59	60	61	61	61	73	80	76	83	91	82	80	72	
	MIN	39	40	39		52	42	52	56	56	55	56	56	55	44	39	40	42	44	33	33	48	34	34	40	43	45	45	45	44	44	
UNDERWOOD	MAX	55	60	70	84	85	59	71	85	77	82	90	84	90	62	63	73	80	61	59	64	66	62	67	75	81	75	90	92	75	78	
	MIN	44	39	41	53	53	43	47	53	57	58	56	57	60	44	39	42	43	42	32	32	36	32	32	37	42	43	47	45	44	46	
UPHAM 3N	MAX	65	73	84	87	74	68	87	82	78	82	79	89	88	65	75	83	74	61	62	64	68	60	73	83	75	92	93	76	83	80	
	MIN	45	33	44	50	51	41	51	53	53	56	52	51	47	42	32	39	37	39	28	31	45	33	35	36	39	42	43	53	39	49	
VALLEY CITY	MAX	64	68	85	88	85	68	85	85	88	97	96	92	84	67	71	84	79	62	60	66	61	59	69	80	75	90	96	91	81	77	
	MIN	48	40	46	54	55	45	51	58	61	64	76	72	67	44	41	42	51	47	31	35	47	35	30	42	46	43	50	52	48	42	
VELVA	MAX	61	68	80	74	68	67	81	76	78	78	76	87	80	63	72	78	69	57	59	66	62	59	71	77	69	87	86	74	78	75	
	MIN	46	39	47	55	52	43	53	53	52	55	59	54	57	42	42	44	45	44	34	35	46	34	40	44	44	48	57	49	49	56	
WAHPETON STATE SCHOOL	MAX	66	69	85	92	87	69	70	82	93	96	91	91	94	70	75	84	80	67	67	72	66	61	67	81	76	85	95	91	85	85	
	MIN	50	40	44	55	55	47	51	65	63	65	71	68	65	46	40	44	50	46	32	38	47	38	32	41	42	41	42	53	47	52	
WASHBURN	MAX	68	73	86	89	74	72	87	80	88	94	91	91	82	67	76	84	71	63	63	69	64	63	76	82	78	92	95	80	83	79	
	MIN	43	40	46	47	51	42	52	50	57	56	54	62	54	43	39	44	43	49	33	33	46	33	36	37	42	49	49	45	40	51	
WATFORD CITY	MAX	63	75	89	87	71	78	83	80	87	77	72	84	68	65	78	80	67	62	62	67	64	69	76	85	85	91	86	76	81	77	
	MIN	44	39	45	56	45	47	55	54	56	59	54	53	52	42	41	42	47	43	32	34	45	29	36	41	40	46	49	42	42	48	
WESTHOPE	MAX	67	70	80	73	64	65	83	76	76	74	70	87	65	62	72	77	60	59	60	66	64	68	72	80	69	80	89	75	77	76	
	MIN					50	43	53	55	52	53	57	54	55	47	35	45	42	39	30	32	38	36	38	39	39	45	46	44	40	48	
WILLISTON AP CITY	MAX	63	76	87	83	64	74	83	77	85	71	69	82	64	64	76	77	63	62	61	66	64	65	74	83	80	90	85	77	80	76	
	MIN	47	44	52	58	47	50	58	55	58	55	56	56	46	45	44	47	47	44	36	38	42	34	42	42	46	51	52	47	45	51	
WILLOW CITY	MAX	63	70	82	76	66	66	85	79	76	81	83	90	79	62		82	63	61	63	67	65	62	74	82	73	92	91	76	81	78	
	MIN	46	33	46	49	48	39	51	55	51	55	53	52	50	42	36	46	42	39	27	35	41	34	29	33	41	38	40	45	39	47	
WILTON RS STATION	MAX	55	66	69	82	87	56	70	82	79	87	95	91	89	64	64	72	82	62	59	59	65	59	60	73	81	74	90	93	74	79	
	MIN	43	40	44	53	55	41	44	57	56	57	55	56	60	54	42	45	45	42	37	38	35	34	33	37	45	46	47	46	44	49	
WITHEK	MAX																															
	MIN	41	35	44	46	54	39	55	57	57	53	57	61	54	39	37	36	42	36	34	31	39	30	35	41	40	40	41	45	42	43	

TABLE 6 FOR THIS ISSUE MAY BE FOUND ON PAGE 117.

See reference notes following Station Index.

STATION INDEX

Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Observation time: Temp	Observation time: Precip	Observer	Refer to tables
[illegible]	[illegible]	[illegible]	[illegible]	48 [illegible]	98 [illegible]	[illegible]		6P	MYRON [illegible] BATA	3
BRANDEN	[illegible]	MC KENZIE	11	47 [illegible]	[illegible]	[illegible]		6P	ARLIE [illegible] BAUMAN	3
NEWT SW	[illegible]	MC HENRY	[illegible]	[illegible]	[illegible]	[illegible]	7P	7P	HOGAN RAMSLAND	3 5 7
[illegible]	[illegible]	A DAIRY	[illegible]	[illegible]	[illegible]	28 [illegible]	2	7P	LOCAL [illegible] AGENT	3
[illegible] NTA	[illegible]	[illegible] A	[illegible]	[illegible]	[illegible]	[illegible]		7P	VIRGIL F. BERG	3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible] MOE	[illegible]
[illegible] DON	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible] TER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29 [illegible]	8A	8A	VIRGINIA M. [illegible] UNDE	[illegible]
VIL A [illegible] TATE PARK	[illegible]	RANSOM	[illegible]	[illegible]	9 [illegible]	36	6P	6P	ALBERT THONE	3 5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29		5P	[illegible] LINE AGENT	3 5
LDR [illegible] AM	[illegible]	[illegible]	[illegible]	[illegible]	98 [illegible]	[illegible]	8A	8A	[illegible] A. JOHNSON	3 5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
LTA	[illegible]	[illegible] HER	[illegible]	[illegible]	[illegible]	[illegible]		6P	R. YCE E. PAUL ON	3
STRO	[illegible]	[illegible] MUNSON	[illegible]	[illegible]	[illegible]	[illegible]		6P	[illegible] PLE R. ROBERT	3 5
ALEY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CCOURT INDIAN RE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
L [illegible] LD	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible] RTHU	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		6P	[illegible]	3
ULA	[illegible]	MER R	[illegible]	[illegible]	[illegible]	[illegible]		6P	MONT [illegible]	3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		6P

REFERENCE NOTES

The four digit identification numbers in tbe index number column of tbe Station Index are assigned on a state basis. Tbere will be no duplication of number witbin a state.

Figures and letters following tbe station name, such as 12 SSW, indicate distance in milee and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of tbis bulletin.

Monthly and seasonal snowfall and beating degree days for the preceding 12 months will be carried in tbe June issue of tbis bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to included in tbis issue.

Unless otherwise indicated, dimensional units used in tbis bulletin are: temperature in °F., precipitation and evaporation in incbes, and wind movement i miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwis sbown by footnote following Table 6.

Sleet and bail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 bours ending at time of observation. See tbe Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weatber Bureau and CAA stations. For these stations snow on ground values are at 0630 CS

-	No record in Tables 3, 6, 7, and tbe Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windsbield.
B	Adjusted to a full montb.
E	Water equivalent of snowfall wbolly or partly estimated, using a ratio of 1 inch water equivalent to every 10 incbes of new snowfall.
M	One or more days of record miesing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full montb.
R	Daily values and monthly total from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for previous montb.
SS	Tbis entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 15 cents per copy; montbly and annual, $1.50 per year. (Yearly subscription includes tbe Annual Summary.) Checks and money orde sbould be made payable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to tbe Superintende of Documents, Government Printing Office, Washington 25, D. C.

W.R.P.C., Kansas City, Mo. -- 11-3-52 -- 10

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CLIMATOLOGICAL DATA

NORTH DAKOTA

DEC 18 1952

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OCTOBER 1952
Volume LXI No. 10



See note concerning "Hourly Precipitation Data" on page 126 of this issue.

NAT. HIST.

KANSAS CITY: 1952

NORTH DAKOTA - OCTOBER 1952

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

This was the driest October on record in the state and as a result all harvesting operations were completed earlier than usual. Temperatures were only slightly below normal, making it a very comfortable fall month for all kinds of work.

The average temperature for the state was 43.2 degrees which is 0.8 degree below normal. The eastern division averaged 42.6 degrees which is 1.8 degrees below normal; the middle division averaged 43.0 degrees which is 0.7 degrees below normal; and the western division averaged 43.9 degrees which is 0.1 degree below normal. The warmest periods were around the 1st and 21st to 24th when temperatures reached generally into the middle and upper 70's. 80 degrees was the highest temperature recorded during the month, occurring at Mandan on the 21st. 81 degrees was reported on the 1st at Enderlin and Hankinson but since these stations make observations around 7 a.m., this temperature actually occurred on the afternoon of September 30th. The coldest periods were around the 6th and about the 28th. The lowest reported temperature was 2 degrees at Edmore on the 28th. The mean temperatures ranged from 47.2 degrees at Almont to 39.0 degrees at Munich.

The average precipitation for the state was 0.10 inch which is 0.94 inch below normal. This compares with 0.12 inch in October 1944 which until this year was the driest October on record. The eastern division averaged 0.10 inch which is 1.18 inches below normal; the middle division averaged 0.10 inch which is 0.88 inch below normal and the western division averaged 0.10 inch also which is 0.74 inch below normal. Pembina reported 0.55 inch for the greatest amount of precipitation during the month and several stations reported no precipitation for the month. Snowfall ranged up to 1.8 inches at Lostwood and several stations reported an inch or more during the month. Most of the snow was reported on the 16th. The snowfall averaged only 0.2 inch for the state as a whole. This compares with a normal snowfall of 1.5 inches.

October was nearly an ideal month for carrying on outdoor work. The dry weather permitted the completion of all harvesting before the end of the month with late crops generally reported to be of high quality. Soil moisture is extremely low in all sections of the state. As a result considerably less than the usual amount of fall plowing was done. The lack of soil moisture does not present a very encouraging prospect for crops next season. Livestock continued in good condition throughout the month on rather limited range feed. Some yard feeding was begun in scattered areas due to short supplies of range feed. There were no severe storms during the month.--CJS

ANNOUNCEMENT

Hourly precipitation data were published in Climatological Data through September 1951, at which time it was necessary to discontinue publication of hourly amounts, because of withdrawal of fiscal support.

Recent developments make possible the resumption of publication of these data in a new bulletin entitled "Hourly Precipitation Data". There will be one bulletin for each of the 42 climatological sections in the United States and one for Alaska. (Climatological sections correspond to States except that the six New England States comprise a single section and Maryland and Delaware comprise another.)

"Hourly Precipitation Data" will be issued monthly, with an annual summary issue. The first month to be published will be October 1951, and publications thereafter will be as rapid and as regular as funds permit. The price will be 10 cents per copy; $1.00 per year (including the annual). Checks and money orders for subscriptions should be made payable to the "Treasurer of the United States". Remittances and correspondence should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

SUPPLEMENTAL DATA

NORTH DAKOTA
OCTOBER 1952

Station	Wind direction		Wind speed m. p. h				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
Bismarck WB Airport	NW	18	11.2	50	NW	4	59	68	38	40	5	2	0	0	0	0	7	73	4.3
Devils Lake WB City	-	-	10.2	36	NW	3	-	-	-	-	6	3	0	0	0	0	9	73	4.8
Fargo WB Airport	WNW	13	13.9	50	N	15	58	67	41	42	7	3	0	0	0	0	10	74	4.7
Williston WB City	-	-	7.5	34	NW	3	64	73	43	43	3	2	0	0	0	0	5	79	4.5

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1892	47.2	95	7	0.58	T	3
1893	40.6	79	0	1.05	0.9	5
1894	43.0	77	16	1.66	.0	6
1895	40.5	85	-12	0.24	.0	2
1896	40.2	88	5	0.69	.0	3
1897	45.9	93	6	0.77	0.8	4
1898	38.8	84	8	2.23	4.7	6
1899	42.1	86	7	1.17	1.3	5
1900	48.2	87	14	1.54	T	6
1901	47.5	88	11	1.61	T	5
1902	43.7	87	10	1.28	0.7	4
1903	47.0	81	11	0.94	0.2	3
1904	46.6	87	10	0.90	T	5
1905	40.3	93	0	0.36	1.2	5
1906	45.0	89	0	0.49	1.4	4
1907	44.4	88	4	0.61	0.2	3
1908	43.0	86	8	1.63	0.7	6
1909	43.1	97	0	0.65	0.9	3
1910	48.2	95	0	0.51	0.1	3
1911	42.5	86	-10	1.24	0.5	6
1912	44.4	90	0	1.07	3.5	4
1913	39.3	90	- 2	1.59	0.7	4
1914	50.0	97	0	0.93	T	4
1915	46.6	87	10	1.09	0.2	4
1916	40.0	85	- 2	0.70	2.0	4
1917	34.7	82	- 4	0.78	6.4	5
1918	46.2	90	4	0.53	0.8	4
1919	33.5	84	-18	1.14	9.3	6
1920	49.3	95	6	0.55	0.1	3
1921	47.3	88	16	0.66	T	4
1922	45.7	98	8	0.58	2.3	3
1923	44.0	84	- 8	0.89	0.5	4
1924	50.3	86	19	2.42	0.3	7
1925	33.3	66	-16	0.81	3.7	6
1926	42.6	85	4	1.36	1.0	6
1927	47.0	88	12	1.33	1.0	5
1928	43.5	85	3	0.46	0.6	2
1929	46.8	88	10	1.85	5.1	6
1930	40.8	86	0	1.81	0.3	7
1931	47.7	90	10	1.39	0.2	6
1932	38.3	90	- 3	2.27	9.1	8
1933	41.5	88	5	0.54	1.7	4
1934	49.0	94	5	1.01	0.1	3
1935	43.5	86	-10	0.16	0.7	2
1936	42.3	90	- 5	0.21	1.1	3
1937	43.9	94	1	0.80	0.2	4
1938	50.9	95	4	0.55	1.1	4
1939	41.3	84	- 6	0.75	1.2	7
1940	50.7	89	18	1.56	T	6
1941	44.5	81	0	1.32	2.0	5
1942	46.5	90	- 3	0.46	1.8	4
1943	48.2	89	10	0.76	2.8	3
1944	48.7	84	11	0.12	T	1
1945	45.1	89	6	0.37	T	3
1946	40.1	91	2	2.23	8.5	8
1947	51.2	97	15	1.31	0.9	7
1948	46.4	85	- 1	0.97	T	3
1949	43.5	91	8	2.55	1.4	9
1950	46.9	88	17	0.63	3.1	4
1951	42.1	87	2	1.04	3.0	6
1952	43.2	80	2	0.10	0.1	2

AVERAGES FOR THE PERIOD 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

NORTH DAKOTA
OCTOBER 1952

Station		Temperature													Precipitation								
											No. of Days								Snow, Sleet, Hail			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
EASTERN DIVISION																								
Amenia		57.7	29.2	43.5	-1.2	76	10	7	17	661	0	1	20	0	T	-1.35	T	13+	T	0		0	0	0
Arvilla State Park		56.6	27.8	42.2		74	23	4	17	698	0	0	20	0	.06		.04	1	.0	0		2	0	0
8aldhill Dam											0			0	.09		.05	16	.0	0		2	0	0
Carrington		56.5	25.3	40.9	-2.8	77	1	7	28+		0	0	26	0	.06	- .97	.04	2	.0	0		2	0	0
Cavalier		56.5	29.7	43.1	.1	76	23	9	17	669	0	0	18	0	.18	-1.11	.08	1	T	0		3	0	0
Cooperstown		57.0	28.0	42.5M	-2.2			8	28	696	0	1	22	0	T	-1.08	T	1+	T	0		0	0	0
Devils Lake W8 City	R	53.9	28.7	41.3	-1.1	72	23	10	28	730	0	1	18	0	.07	-1.18	.04	16	.5	T	14+	3	0	0
Edgeley Exp. Farm		58.8	27.4	43.1	-2.5	80	1	11	28		0	1	22	0	T	-1.02	T	13+	T	0		0	0	0
Edmore 1 W		55.6	24.1	39.9	-2.6	72	1+	2	28	775	0	1	25	0	.03	- .95	.03	1	T	0		1	0	0
Ellendale		61.5	30.2	45.9	.0	76	2+	12	28	587	0	0	19	0	.12	- .94	.10	13	T	0		2	0	0
Enderlin		58.1	26.3	42.2		81	1	11	29		0	0	27	0	.21		.12	13	.3	T	17	3	0	0
Fargo W8 Airport	R//	55.5	28.0	41.8	-2.7	72	10+	13	17	711	0	0	24	0	.08	-1.61	.05	12	T	T	5+	3	0	0
Forman		58.8	29.2	44.0	-2.0	75	10	12	28	644	0	0	22	0	.08	-1.27	.08	12	.0	0		1	0	0
Fullerton		60.6	28.7	44.7	- .6	75	25	10	28	621	0	0	23	0	.06	-1.27	.06	13	T	0		1	0	0
Gackle		58.2	30.1	44.2M	-1.2			11	28	639	0	1		0	.10	- .86	.10	13	T	T	16	1	0	0
Grafton State School		57.1	26.0	41.6	-2.2	76	1	3	17	720	0	1	25	0	.08	-1.06	.05	1	T	0		2	0	0
Grand Forks CAA AP		54.5	26.7	40.6	-3.1	73	10+	10	17	747	0	0	25	0	.02	-1.34	.02	1	T	0		1	0	0
Grand Forks Univ.		55.5	28.7	42.1	-1.6	79	1	11	17	703	0	1	21	0	.09	-1.27	.03	1	T	0		4	0	0
Grand Rapids 1 N		61.2	27.3	44.3M		77	25	9	28	638	0	0	22	0	.13		.08	13	T	0		3	0	0
Hankinson RR Station		56.9	28.0	42.5	-4.1	81	1	14	28+		0	0	24	0	.15	-1.22	.09	13	.0	0		3	0	0
Hannah		54.3	25.8	40.1M	- .7	72	23	4	28	767	0	1		0	.09	- .98	.08	12	T	0		2	0	0
Hillsboro		57.7	29.5	43.6M	-1.6	73	23+	10	17	647	0	1	19	0	.07	-1.27	.03	12+	T	0		3	0	0
Jamestown CAA AP		57.2	27.3	42.3	-2.4	73	23	10	28	697	0	1	24	0	.19	-1.10	.14	12	T	T	17	2	0	0
Jamestown State Hospital		57.6	29.7	43.7	-1.0	73	23	12	28	652	0	1	20	0	.11	-1.18	.08	13	T	0		2	0	0
Kensal Wildlife Re.		58.5	26.7	42.6		76	10	6	28	686	0	1	24	0	.17		.14	13	.0	0		2	0	0
Langdon Exp. Farm		55.3	25.3	40.3	- .6	72	23	4	28	761	0	1	25	0	.12	- .91	.10	1	T	0		2	0	0
Larimore		55.8	30.1	43.0M	-1.1	74	23	9	17	674	0	1		0	.02	-1.42	.02	15	.0	0		1	0	0
Lisbon															.10	-1.14	.10	13	T	T	16	1	0	0
Mayville		57.7	29.4	43.6	-2.4	73	10	9	17	657	0	0	22	0	.01	-1.25	.01	1	T	0		1	0	0
McHenry 5 N		55.5	26.9	41.2	-2.1	71	23	7	28	730	0	1	22	0	.04	-1.01	.04	16	.4	T	15+	1	0	0
McLeod 3 E		61.1	28.3	44.7M	-1.8	77	10	9	28	636	0	0		0	.16	-1.22	.14	13	.2	0		2	0	0
Munich 4 SW		53.8	24.2	39.0		71	23	4	28	800	0	0	27	0	T		T	4+	T	0		0	0	0
Oakes		57.5	25.2	41.4	-4.6	79	1	12	7+		0	0	27	0	.17	-1.14	.10	13		0		3	0	0
Park River		57.4	30.1	43.8	.1	76	1	11	17	649	0	1	16	0	T	-1.18	T	4+	T	0		0	0	0
Pembina 2 N		58.0	26.8	42.4	.8	77	1	7	16	691	0	0	24	0	.55	- .65	.19	13	.0	0		5	0	0
Petersburg		57.9	25.1	41.5		75	1	8	28	722	0	0	25	0	.05	-1.12	.05	1	.0	0		1	0	0
Sharon		54.5	28.8	41.7	-1.9	71	23	10	28	717	0	1	20	0	.08	-1.21	.08	1	T	0		1	0	0
Valley City		59.5	30.1	44.8	- .3	73	1	15	28	619	0	0	20	0	.06	-1.26	.06	13	T	0		1	0	0
Wahpeton State School		61.2	29.7	45.5	1.5	74	24	11	28	598	0	1	20	0	.15	-1.29	.15	13	T	0		1	0	0
DIVISION				42.6	-1.8										.10	-1.18			T					
MIDDLE DIVISION																								
Ashley		59.6	27.6	43.6M	- .8	74	26	9	28	654	0	0	24	0	.06	-1.00	.06	13	.0	0		1	0	0
8elcourt Indian Res.		52.8	26.5	39.7M		70	23	5	28	783	0	1	26	0	.13		.07	15	T	T	16	3	0	0
Bisbee		53.9	27.8	40.9	-2.9	71	23	10	28	742	0	1	25	0	T	- .99	T	11+	T	T	16	0	0	0
8ismarck W8 City		60.3	31.3	45.8	.6	79	1	12	28		0	0	18	0	.07	- .84	.07	13	T	0		1	0	0
8ismarck WB Airport	R	59.9	28.1	44.0	.4	79	21	11	28	642	0	0	26	0	.07	- .87	.06	12	T	T	5+	2	0	0
8ottineau		54.9	25.6	40.3	-1.1	79	1	6	28		0	2	25	0	.16	- .81	.05	1+	1.0	0		5	0	0
8utte		55.8	27.3	41.6M	-3.2						0	2		0	T	- .97	T	12+	T	0		0	0	0
Carson No. 2		61.0	28.8	44.9M	.4	78	1				0	0		0	.04	- .87	.04	13	.0	0		1	0	0
Center		59.3	26.6	43.0	-2.3	76	21	8	28	675	0	0	25	0	.05	- .86	.05	12	.0	0		1	0	0
Drake		57.2	28.6	42.9M	- .2	74	1	12	28		0	2		0	.00	-1.04	.00		.0	0		0	0	0
Eckman											0	2		0	.10	- .74	.10	17	1.0	1	17	1	0	0
Fessenden		57.2	27.9	42.6	- .7	73	21+	7	28	689	0	1	23	0	.13	- .93	.05	16		1	16	3	0	0
Fort Yates								10	28		0			0	.22	- .77	.22	13	.0	0		1	0	0
Foxholm 7 N		59.5	30.5	45.0	2.1	76	23	10	28	614	0	1	19	0	.06	- .82	.03	15	T	T	16	3	0	0
Garrison		57.7	28.7	43.2	.0	73	23	11	28	665	0	0	22	0	.03	- .83	.03	12	T	0		1	0	0
Granville		58.1	29.0	43.6	.0	74	21+	9	28	659	0	1	21	0	.12	- .72	.10	16	T	T	16	2	0	0
Hansboro		53.9	28.8	41.4	.1	72	23	10	28	725	0	1	20	0	.08	- .96	.08	15	.2	T	15+	1	0	0
Leeds		55.6	28.2	41.9M		73	22	9	28	709	0	1		0	.17		.08	16	.0	0		3	0	0
Linton		61.6	27.9	44.8	- .7	77	21	7	28	619	0	0	24	0	.06	- .98	.06	13	.0	0		1	0	0
Maddock Agr. School		56.4	27.2	41.8	-1.7	73	23	6	28	710	0	1	24	0	.18	- .80	.10	16				2	0	0
Mandan Exp. Station		59.4	30.0	44.7	.0	79	1	10	28		0	0	21	0	.08	- .82	.08	13	T	0		1	0	0
Mandan Ft. Lincoln Park		62.1	30.7	46.4M		80	21	12	28	571	0	0		0	.07		.07	13	.0	0		1	0	0
Max		56.3	26.1	41.2	-1.7	80	1	10	28		0	2	28	0	.03	- .77	.02	12	T	0		2	0	0
McClusky		56.4	30.1	43.3	- .1	72	23	11	28	668	0	1	18	0	.24	- .75	.17	16	T	T	16	2	0	0
Minot CAA AP		55.7	31.5	43.6	- .2	73	23	13	28	656	0	1	16	0	.09	- .82	.07	16	.1	T	15+	3	0	0
Minot Exp. Farm		57.0	30.3	43.9M		73	21	11	28	649	0	1		0	.05		.03	17	T	0		2	0	0
Mohall		57.6	28.4	43.0	.8	75	23	7	28	674	0	1	21	0	.04	-1.00	.03	16	.3	T	16	2	0	0
Napoleon 1 SE		58.1	30.1	44.1	.0	72	10+	7	28	641	0	0	20	0	.01	-1.08	.01	13	.0	0		1	0	0
New Salem 1 S		59.4	29.7	44.6M	- .5	76	21	12	28	630	0	0		0	.07	- .78	.05	12	T	0		2	0	0
Pettibone		56.5	29.7	43.1	.5	73	21	9	28	669	0	1	21	0	.22	- .77	.17	13	1.0	1	16	2	0	0
Riverdale		57.4	29.2	43.3		76	1	14	28		0	0	20	0	.12		.12	13	T	0		1	0	0
Rolla		53.2	28.3	40.8	-1.7	71	23	12	28	747	0	1	21	0	.15	- .82	.10	15	.4	T	16	3	0	0
Rugby		57.6	28.9	43.3		74	23	10	28	668	0	1	21	0	.18	- .71	.13	1	.5	0		2	0	0
San Haven		53.2	29.3	41.5M	- .1	71	23	11	28	723	0	1	19	0	.13	- .73	.06	15	.4	T	16	3	0	0
Steele		60.0	27.9	44.0M	- .1	75	21	9	28	640	0	1	22	0	.05	-1.07	.05	16	.5	T	16	1	0	0

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

TABLE 2 - CONTINUED

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
Towner	55.8				74	22				0	1		0	.10	- .79	.10	16	1.0	0		1	0	0
Turtle Lake							14	28		0	1		0	.16	- .68	.14	13	T	0		2	0	0
Underwood	57.1	27.7	42.4	-2.6	76	1	16	28		0	2	23	0	.12	- .71	.12	13	T	0		1	0	0
Upham 3 N	60.1	26.2	43.2		76	23	6	28	669	0	1	25	0	.25		.10	14	1.0	1	16	3	0	0
Velva	57.8	30.0	43.9M	- .4	74	23	13	28	644	0	1		0	.09	- .86	.09	16	.5	1	16	1	0	0
Washburn	60.8	29.1	45.0M	.0	76	21	11	28	611	0	0		0	.19	- .73	.17	13	T	0		2	0	0
Westbope	56.3	27.1	41.7	- .9	74	23	8	28	717	0	1	24	0	.12	- .68	.07	16	1.0	1	16	3	0	0
Willow City	56.0	24.9	40.5M	-1.0	74	23	7	28	760	0	1		0	.10	- .69	.06	15	.5	T	14+	2	0	0
Wilton RR Station	56.2	28.4	42.3	-2.6	75	1	14	28+		0	0	21	0	.17	- .78	.14	13	.0	0		2	0	0
Wishek	58.4	27.2	42.8M	-1.2	72	22+	10	28	683	0	1		0	T	- .93	T	16	.0	0		0	0	0
DIVISION			43.0	- .7										.10	- .88			.2					
WESTERN DIVISION																							
Almont 7 SW	61.5	32.9	47.2		78	24	14	28	546	0	0	15	0	.02		.02	13	T	0		1	0	0
Amidon	60.5	30.8	45.7	.7	76	1+	12	6		0	0	16	0	T	- .97	T	16	T	0		0	0	0
Beach	60.8	26.3	43.6	- .9	77	1+	11	28		0	0	25	0	.12	- .78	.10	17	.0	0		2	0	0
Belfield	61.4	28.9	45.2	- .5	77	9+	8	28	608	0	0	21	0	.08	- .89	.08	12	T	0		1	0	0
Bowbells	56.1	26.6	41.4M	- .4	74	24	10	28		0	2	24	0	.20	- .65	.08	15	.2	T	16	4	0	0
Bowman Court House	64.2	29.5	46.9	2.1	78	9+	11	5+	557	0	0	19	0	.00	- .88	.00		.0	0		0	0	0
Crosby	57.4	28.5	43.0M	.8	75	9	10	28	672	0	0	21	0	.14	- .69	.10	16	.0	0		2	0	0
Dickinson CAA AP	59.7	29.5	44.6	.8	75	9+	12	28	624	0	0	18	0	.03	- .88	.02	16	T	0		2	0	0
Dickinson Exp. Sta.	61.6	25.5	43.6M	- .2	77	1	7	28		0	0	24	0	.04	- .87	.02	13+	T	0		2	0	0
Dunn Center	60.8	24.3	42.6	.5	78	1	5	29		0	0	29	0	.12	- .71	.12	13	T	0		1	0	0
Elbowoods	60.6	30.2	45.4M	.6	77	23			615	0	0		0	.02	- .78	.02	12	T	0		1	0	0
Epping	60.2	28.7	44.5	2.4	77	9	13	6	630	0	0	23	0	.15	- .62	.09	16		0		2	0	0
Grenora	60.7	29.0	44.9	2.8	75	9	13	6+	615	0	0	18	0	.30	- .49	.18	15		0		2	0	0
Hettinger	60.4	30.2	45.3	- .8	73	21+	11	28	602	0	0	17	0	.03	- .68	.03	16	.0	0		1	0	0
Kenmare	56.4	27.2	41.8	-1.7	76	1	10	28		0	2	22	0	.17	- .79	.11	17	1.1			2	0	0
Lostwood 12 N	55.1	26.4	40.8M				7	28	742	0	1		0	.20		.09	13	1.8	1	16	3	0	0
Marmarth	61.6	24.6	43.1M	-2.9			8	28	669	0	0	26	0	T	- .79	T	16	T	0		0	0	0
Medora 4 NNE	63.3	26.4	44.9		79	9	5	28	617	0	0	23	0	.12		.07	13	T	0		2	0	0
Mott	62.1	26.2	44.2M	- .2	77	24+	11	28	633	0	0	27	0	.05	- .78	.03	16	T	0		2	0	0
New England	60.8	27.2	44.0	- .1	77	24+	6	28	644	0	0	25	0	T	- .79	T	12+	.0	0		0	0	0
Newtown	60.2	28.8	44.5M	.3	75	9+	12	28	630	0	0	23	0	.12	- .65	.08	12	T	0		2	0	0
Parsball	58.9	26.8	42.9M	-1.5	75	23	6	28	674	0	0	24	0	.18	- .57	.07	15+	T	0		3	0	0
Portal	56.8	27.2	42.0M	.5	77	24	10	28		0	2		0	.20	- .64	.12	15	1.0	0		4	0	0
Powers Lake 1 N	56.5	26.0	41.3	-3.2	73	9	7	28	731	0	0	25	0	.16	- .89	.16	16	T	0		1	0	0
Ricbardton Abbey	61.0	31.9	46.5	1.9	76	23+	13	28	567	0	0	15	0	.03	- .76	.03	13	T	0		1	0	0
Stanley	55.7	26.9	41.3		72	9+	9	28	728	0	0	25	0	.12	- .72	.12	16	1.0	0		1	0	0
Watford City	59.3	28.6	44.0	- .2	77	9+	8	28	644	0	0	21	0	.12	- .75	.12	12	.0	0		1	0	0
Williston WB City R//	58.4	31.5	45.0	1.6	77	9	17	28	614	0	0	16	0	.12	- .74	.09	12	.3	T	16	2	0	0
DIVISION			43.9	- .1										.10	- .74			.2					
STATE			43.2	- .8										.10	- .94			.1					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
OCTOBER 1952

Station		Total	Day of month																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S		.03	.03													T																
ALEXANDER		.13												.13																		
ALMONT 7 SW		.02												T	.02			T														
AMBROSE		.03												T				.03														
AMENIA		T													T	T		T														
AMIDON		T																T														
AMIDON	R	.00																														
ANTLER	R	.19	.08													.05		.06														
ARVILLA STATE PARK		.06	.04			T	.02									T																
ASHLEY		.06													.06																	
BALDHILL DAM		.09													.04			.05	T													
BALTA		T																T														
BANTRY		.19															.10	.09														
BEACH		.12	T												.02				.10													
BEACH	R	.15												.02				.08														.05
BELCOURT INDIAN RES		.13	T			T	T						.03			T	.07	.03														
BELCOURT INDIAN RE	R	.18											.03			.10	.01	.04														
BELFIELD		.08												.08				T														
BERTHOLD		.11					T							T	.04		.02	.04														
BEULAH		.15												.15																		
BEULAH	R	.24												.10	.05																	.09
BIEBER		T											T			T	T	T														
BISMARCK WB CITY		.07						T							.07			T	T														
BISMARCK WB AIRPORT	R	.07	T				T							.36		T	T	.01	T														
BUTTINEAU		.16	.05					T						.01		.05	.02	T	.03														
BOWBELLS		.20													.05		.08	.02	.05													
BOWMAN COURT HOUSE		.00																														
BOWMAN 11 SE		.00																														
BOWMAN 30 NNW		.00																														
BREIEN	R	.00																														
BUCHANAN	R	.13												.10				.03														
BURT 16 N		.15													.15																	
BUTTE		T												T				T														
CANDO	R	.08														.04	.04															
CARRINGTON		.06		.04											.02																	
CARSON	R	.05												.05																		
CARSON NO 2		.04													.04	T																
CAVALIER		.18	.08				.06							T	T	.04	T															
CENTER		.05												.05																		
COLGATE		T																		T												
COLUMBUS		.14													.06		.06	.02														
COOPERSTOWN		T	T												T		T															
COURTENAY		.10												.10																		
CROSBY		.14												T			.04	.10														
CROSBY	R	.09														.04		.05														
DEVILS LAKE WB CITY	R	.07				T	T						T		T	.01	.07	.04										T			T		
DICKINSON CAA		.03												.01	T		T	.02														
DICKINSON EXP STA		.04													.02	.02																
DONNYBROOK		.19												T	.07	.12																
DRAKE		.00																														
DUNN CENTER		.12													.12	T			T													
ECKMAN		.10																T	.10													
EDGELEY EXP FARM		T													T			T	T													
EDMORE 1 W		.03	.03			T	T	T						T	T	T	T	T										T			T	
ELBOWOODS		.02												.02				T														
ELGIN 5 S		T												T				T														
ELLENDALE		.12					T								.10		T	.02	T													
ENDERLIN		.21		.05				T							.12		T		.04													
EPPING		.15												.06				.09														
ESMOND	R	.17	.03															.14														
FAIRFIELD		.07												.06			.01	T														
FARGO WB AIRPORT	R /	.08	T				T	T					T	.05	.02	T	.01	T										T				
FESSENDEN		.13	.04											T			.04	.05														
FLASHER		.04													.04																	
FLAXTON		.12												T	.04	T	.03	.05														
FORBES 13 NW		.10					T								.10			T														
FORMAN		.08												.08				T														
FORT YATES		.22													.22																	
FORT YATES	R	.08												.08																		
FOXHOLM 7 N		.06												T	.01		.03	.02														
FRYBURG	R	.08												.06				.02														
FULLERTON		.06					T								.06			T														
GACKLE		.10													.10			T														
GARRISON		.03					T							.03			T	T														
GLEN ULLIN 13 N		T												T																		T
GOLDEN VALLEY 10S		.05													.05																	
GRACE CITY	R	.03															.03															
GRAFTON STATE SCHOOL		.08	.05				T							T	.03		T														
GRAND FORKS CAA		.07	.02			T	T	T					T	T	T	T	T											T				
GRAND FORKS UNIV		.09	.03			T		T					T	T	.02	.02	.02											T				
GRAND RAPIDS 1 N		.13													.08	T	.03	.02														
GRANVILLE		.12	T											T	.02			.10														
GRASSY BUTTE	R	.17												.09			.03	.05														
GRASSY BUTTE 10N		.44												.44																		
GRENORA		.30												.12			.18															
HALEY	R	.00																														
HALLIDAY		.14												.14																		
HALLIDAY	R	.12												.12																		
HANKINSON R R STA		.15		.02											.09				.04													
HANNAH		.09												.08	.01	T	T															
HANSBORO		.08														T		T														
HARVEY 3 NE		.03												T				.03														
HAYNES 6 NE	R	.00																														
HETTINGER		.03																.03														
HETTINGER 17 N	R	.03																.03														
HILLSBORO		.07					T	T						.03	.01	T	.03											T				
JAMESTOWN CAA		.19	T										T	.14		T	T	.05	T													
JAMESTOWN STATE HOSP		.11	T												.08			.03														
KEENE 2 S		.19												.14	T			.05														
KENMARE		.17															.06		.11													
KENMARE	R	.14														.05		.09														
KENSAL WILDLIFE REF		.17	T												.14			.03														
KILLDEER 8 NW		T												T		T																
KULM		.05													.05																	
LANGDON EXP FARM		.12	.10											T	.02		T															
LANSFORD		.17															.10	.07														
LARIMORE		.07	T												T		.02															
LEEDS		.17														.04	.05	.08														
LEFOR 10 E		.06												.04				.02														
LINTON		.06	T												.06																	
LISBON		.10													.10			T														
LITCHVILLE		.17	T												.15			.02														
LOSTWOOD 12 N		.20					T							T	.09		.08	.03														
MADDOCK AGR SCHOOL		.18	.08				T							T		T	T	.10														
MANDAN EXP STATION		.08						T							.08			T	T														
MANDAN FT LINCOLN PARK		.07													.07	T		T	T														
MANNING	R	.07												.07																		
MARMARTH		T																T														

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

NORTH DAKOTA
OCTOBER 1952

Station		Total	Day of month																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARMARTH M [illegible]	R	.0																														
MARTIN		.04													T	T		.05													
MAX		.03					T							.02	.01	T	T	T														
MAYVILLE		.01	.01				T	T						T	T	T	T	T														
MC CLUSKY		.24													.07			.17														
MC HENRY 5 N		.04														T	T	.04														
MC LEOD 5 E		.16					T								.14	T	T	.02														
MC VILLE		.0																														
MEDINA 1 W		T																T														
MEDORA	R	–												.03	–	–	–	–	–	–												
MEDORA 4 NNE		.12													.07			.05														
MEDORA 23 NNW		.17													.32																	
MELVILLE	R	.14											.09			.02	.03														.05	
MINOT CAA		.09					T						T	T	.01	.01	T	.07	T													
MINOT EXP FARM		.05					T						T	T	T			.02	.03													
MOFFIT 4 SE		.08					T								.07			.01														
MOHALL		.04	T				T								T		.01	.03														
MONTPELIER		.16	T												.12			.04														
MOTT		.05												.02	T			.03														
MUNICH 4 SW		T				T	T								T	T	T															
NAPOLEON 1 SE		.01													.01			T														
NAPOLEON 1 SE	R	.01													.01																	
NEW ENGLAND		T												T	T			T														
NEW ROCKFORD 7 WNW		.09	T									T	T			.03		.06														
NEW SALEM 1 S		.07					T						.05		T				.02													
NEWTOWN		.12												.08	T			.04														
NOONAN		.13															T	.13														
NORTHGATE	R	.15														.08		.07														
NORTONVILLE		.17													.17			T														
OAKES		.17		T				T							.10			.04	.03													
PARK RIVER		T				T	T									T	T															
PARSHALL		.18												.04	T		.07	.07														
PEMBINA 2 N		.55	.12				.07					T		.04	.19	.13																
PETERSBURG		.05	.05														T															
PETTIBONE		.22	T											T	.17	T		.05														
PETTIBONE	R	.21												.15				.06														
PINGREE		.10	T												.10		T	T														
PORTAL		.70													.03		.12	.02	.03													
POWERS LAKE 1 N		.16						T										.16														
PRETTY ROCK		.07												.02	.02		T	.03														
REEDER		.00																														
REEDER 14 N		T																	T	T												
RICHARDTON ARBEY		.03												T	.03	T		T														
RICHARDTON ARBEY	R	.05												.05																		
RIVERDALE		.12						T							.12		T	T	T													
ROLLA		.15				T						T			T	.02	.10	.03														
RUGBY		.18	.13					T				T	T			T		.05												T		
RYDER		.12												.05			T	.07											T			
RYDER	R	.12												.05			*	.07														
SAN HAVEN		.13	.04				T							T			.06	.03														
SCRANTON		T																T														
SELFRIDGE 11 W		.14						T				.06	.07																			
SENTINEL BUTTE 20 S		.04																													.01	
SHARON		.08	.08												T	T	T	.04														
SHERWOOD 3 N		.11	.01				T									T	.04	.06														
SHEYENNE	R	.09	.05															.04														
SMIFLDS		.04												.04																		
STANLEY		.12												T				.12														
STANLEY	R	.10												.02				.08														
STEELE		.05																.05														
SYKESTON		T																														
TAGUS		.12					T							T	T		T	T														
TIOGA		.05													.05		.02	.05	T													
TOLLEY 5 NNE		.10																.05	T													
TOWNER		.10														T	T	.05	.05													
TROTTERS 6 WNW		.11												.05	T			.10														
TURTLE LAKE		.16													.14			.06														
TUTTLE		.21													.14		T	.02														
UNDERWOOD		.12													.12		T	.07														
UPHAM 3 N		.25					T						.07			.10		T														
VALLEY CITY		.06	T									T			.06		T	.08														
VELVA		.09					T							T	T			T														
VERONA		.17												T	.17			.09														
WAHPETON STATE SCHOOL		.15	T												.15	T		T														
WALHALLA		.18	.14											.04																		
WARWICK		.00																														
WASHBURN		.19	T				T							T	.17			.02														
WASHBURN WATER WKS	R	.20												.20																		
WATAUGA 8 N S OAK		T												T				T														
WATFORD CITY		.12												.12																		
WATFORD CITY 11 E		.15												.15																		
WESTHOPE		.12	.02										.03					.07														
WILDROSE		.18												.06				.12														
WILLISTON WR CITY	R //	.12												.09	T	T	T	.03														
WILLOW CITY		.10	T										T			T	.06	.04														
WILTON RR STATION		.17													.14				.03													
WISHEK		T																T														
WOODWORTH 5 E		T													T			T														
ZAHL		.08												.03				.05														

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

NORTH DAKOTA
OCTOBER 1952

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	64	66	64	45	42	52	67	70	71	74	66	70	57	49	43	43	53	73	56	59	77	70	74	78	68	60	47	49	73	66	59	61.5
	MIN	48	31	44	22	22	23	26	35	37	43	30	42	36	28	21	28	32	38	30	24	37	38	40	38	38	36	25	14	31	44	39	32.9
AMENIA	MAX	60	60	64	42	42	41	59	62	65	76	61	6	59	45	39	32	46	65	54	49	65	68	72	73	68	64	55	41	64	65	64	57.7
	MIN	46	30	36	25	21	35	16	36	30	41	33	40	40	29	23	16	7	28	29	18	29	42	32	31	31	38	26	15	19	28	35	29.2
AMIDON	MAX	76	57	69	58	40	35	47	69	71	75	63	70	65	49	46	48	43	55	70	61	65	71	67	75	74	63	61	39	56	76	62	60.5
	MIN	41	31	45	27	17	12	25	36	37	36	32	37	33	25	20	25	24	31	30	28	35	35	39	40	37	32	21	13	35	41	36	30.8
ARVILLA STATE PARK	MAX	66	60	62	42	44	39	59	62	66	72	60	65	61	46	41	34	47	62	51	49	66	65	74	65	62	59	49	41	65	63	58	56.6
	MIN	45	25	41	23	24	31	16	29	22	40	28	39	40	34	22	7	4	25	28	16	33	38	31	27	23	41	27	13	21	35	34	27.8
ASHLEY	MAX	60	61	61	45	46	48	69	67	67	72	62	66	54	44	42	37	47	59		52	71	68	71	71	68	74	62	42	66	68	68	59.6
	MIN	44	28	43	20	19	30	16	31	31	40	24	35	34	28	24	21	26	27	24	22	33	33	20	29	29	29	24	9	23	30	31	27.6
BALOHILL OAM	MAX																																
	MIN																																
BEACH	MAX	77	55	71	56	42	36	47	71	72	77	62	70	66	51	4	38	43	57	70	62	65	71	70	75	74	63	59	39	62	74	63	60.8
	MIN	43	27	32	19	16	13	14	25	28	35	26	31	36	28	19	18	25	23	25	32	32	28	29	36	34	25	24	11	18	27	37	26.3
BELCOURT INDIAN RES	MAX	53	59	53	35	38	47	62	62	69	64	55	61	50	41	40	24	36	58	47	53	69	63	70	65	64	52	37	39	60	56	54	52.8
	MIN	42	22	30	14	22	28		30	31	32	19	33	35	30	19	14	22	30	28	19	30	30	31	31	33	30	22	5	18	35	30	26.5
BELFIELD	MAX	59	71	58	49	39	50	64	75	77	64	70	64	50	49	48	44	54	69	64	67	73	70	77	76	65	60	39	57	77	64	59	61.4
	MIN	45	24	44	29	18	14	24	28	37	28	24	38	35	30	18	27	26	34	23	31	32	32	32	34	35	27	22	8	22	39	37	28.9
BISBEE	MAX	54	61	55	36	40	47	62	62	68	65	59	62	49	43	40	29	36	60	50	53	67	64	71	67	65	52	41	40	64	55	55	53.9
	MIN	44	27	36	18	26	31	23	32	31	32	26	30	36	32	25	15	16	31	28	18	26	29	31	34	29	34	21	10	24	35	31	27.8
BISMARCK WB CITY	MAX	79	61	65	62	41	39	50	67	68	71	70	65	66	53	48	48	38	51	70	55	58	77	66	74	69	69	62	43	47	70	67	60.3
	MIN	51	29	41	26	26	28	21	33	39	44	29	39	38	29	25	28	27	32	32	24	34	39	23	34	34	32	28	12	23	33	36	31.3
BISMARCK WB AIRPORT	MAX	63	65	64	43	40	51	67	66	72	74	65	68	54	48	45	37	50	72	52	58	79	67	74	68	69	64	39	47	70	67	59	59.9
	MIN	33	29	32	26	26	24	17	29	38	37	26	36	38	29	26	29	31	27	29	23	32	30	23	31	32	29	19	11	19	29	30	28.1
BOTTINEAU	MAX	79	55	63	62	38	41	49	65	62	70	70	57	59	51	42	31	26	40	62	45	55	70	63	72	67	64	48	35	41	63	56	54.9
	MIN	39	21	28	15	22	24	21	33	37	37	22	29	32	28	22	17	19	26	26	22	27	32	28	35	35	29	18	6	16	22	25	25.6
BOWBELLS	MAX	71	54	62	47	35	41	49	70	62	72	63	63	60	41	46	28	32	57	62	60	52	70	64	74	66	62	49	34	62	70	61	56.1
	MIN	38	29	32	21	19	17	18	27	33	30	24	25	30	24		16	23	28	23	26	29	32	33	35	37	32	20	10	16	38	33	26.6
BOWMAN COURT HOUSE	MAX	75	70	68	55	37	43	72	73	78	75	72	69	64	49	44	49	57	72	64	67	73	63	77	78	68	63	53	57	73	66	67	64.2
	MIN	42	26	44	20	11	11	22	32	36	36	28	32	36	23	20	26	17	31	36	29	37	39	37	39	40	26	25	13	28	40	32	29.5
BUTTE	MAX		55	63	54	37	39	48	66	64	71	65	62	62	50	45	32	30				58	72	62	71	67		67	37	45	65	65	55.8
	MIN		33	23	22	22	25	28	28	36	26	27	34	30	25	24	24			24	25	30	35	29	29		24	20	21	30	37		27.3
CARRINGTON	MAX	77	55	61	57	38	38	48	60	63	67	71	62	66	52	44	34	37	42	62	44	52	73	64	73	69	69	64	36	42	66	66	56.5
	MIN	43	28	29	20	19	25	23	24	25	30	26	34	33	26	26	18	18	23	22	17	19	32	32	32	33	30	25	7	7	23	35	25.3
CARSON NO 2	MAX	78	60	63	64	41	41		65	68	71	69	70	66	60	47	37	41	43	72	56	58			74	74	66	64			73	65	61.0
	MIN	41	30	27	18	18	27	29	37	38	30	29	30	32	27	23	25	30	33	30	28	26		19	32		29	24			34	32	28.8
CAVALIER	MAX	70	61	60	40	44	41	62	62	65	70	58	65	56	45	39	35	42	58	48	53	69	66	76	65	71	55	45	43	70	61	58	56.5
	MIN	43	27	39	23	26	33	21	34	27	40	30	40	39	32	24	11	9	33	30	22	28	43	38	32	26	42	24	16	22	33	33	29.7
CENTER	MAX	71	65	60	43	38	48	67	69	72	68	64	64	52	47	43	40	57	68	57	59	76	64	74	70	67	58	38	48	70	65	55	59.3
	MIN	42	22	42	20	22	21	16	28	35	27	20	32	35	27	23	26	32	25	29	18	30	35	24	29	28	25	25	8	16	28	35	26.6
COOPERSTOWN	MAX				34	49	43	59	61	62	69	64	64	61	50	42	30	43	60	53	51	69	69	71	69	68	67	55	44	65	64	61	57.0
	MIN	44	26	28	23	21	32	18	31	34	39	25	33	36	29	28	17	19	28	26	21	32	35	26	36	34	34	25	8	20	31	28	28.0
CROSBY	MAX	55	69	65	35	38	49	70	71	75	63	63	54	51	49	46	35	53	63	56	61	71	67	73	69	60	53	36	54	63	61	51	57.4
	MIN	39	28	35	20	25		24	28	41	33	24	33	32	23	17	23	27	35	25	30	31	35	32	31	35	30	20	10	21	35	34	28.5
DEVILS LAKE W B CITY	MAX	54	61	56	36	40	46	62	63	67	66	59	62	49	42	42	28	36	61	41	51	69	63	72	66	68	53	35	40	65	62	55	53.9
	MIN	39	29	26	22	24	28	24	30	34	38	29	35	33	31	18	18	22	33	22	21	35	34	35	38	36	29	18	10	27	38	35	28.7
DICKINSON CAA	MAX	59	67	60	40	37	46	69	71	75	66	72	63	51	47	41	43	53	70	59	63	72	67	75	75	64	61	38	55	75	63	55	59.7
	MIN	35	30	24	20	18	17	25	35	40	35	28	38	32	28	20	26	31	36	31	29	35	33	36	37	35	26	18	12	26	38	39	29.5
DICKINSON EXP STATION	MAX	77	62	69	60	42	37	48	70	72	76	68	70	65	52		35	44	54	70	60	65	72	68	76	73	65	62	39	56	76	64	61.6
	MIN	35	25	37	19	20	12	21	26	34	29	23	30	33	21	21	23	22	27	25	24	28	28	35	28	33	25	24	7	13	30	34	25.5
DRAKE	MAX	74	55	64	55	38	39	48	66	64	70	65	64	64	53	45	32	29	44		69	58	71	64	73	68		68	44	45	67	64	57.2
	MIN	43	30	37	23	23	29	27	31	36	40	28	33	33	31	27	23	23	28		23	28	33	32	27	25		25	12	18	27	35	28.6
DUNN CENTER	MAX	78	61	69	59	41	42	49	69	72	76	65	68	65	53	47	33	45	54	68	58	64	75	68	76	74	65	58	39	55	75	65	60.8
	MIN	47	23	24	22	20	20	17	24	26	23	22	22	33	23	20	20	29	29	28	27	27	30	24	25	28	27	24	6	5	28	30	24.3
ECKMAN	MAX	78	56	66	51	41	40	50	68	65	72	63	65	60	52	46	32	29															
	MIN	40	24	28	15	21	21	22	22	24	25		32	18	31	23	21	23															
EDGELEY EXP FARM	MAX	80	60	62	64	42	40	43	63	65	69	72	63	67	60	42	43	31	49	69	49	49	72	65	74	71	75	64	38	43	68	71	58.8
	MIN	45	27	33	19	18	27	17	33	28	34	34	36	35	26	25	19	24	25	33	16	25	29	32	29	30	33	27	11	17	29	32	27.4
EDMORE 1 W	MAX	72	59	59	39	40	46	62	63	68	68	58	65	52	44	39	27	36	61	52	57	68	65	72	62	69	61	42	40	65	60	57	55.6
	MIN	40	19	35	17	20	30	16	22	26	39	19	28	36	26	22	7	19	26	16	16	27	25	24	33	30	34	22	2	17	28	25	24.1
ELBOWOODS	MAX	62	69	62	44	42	39	70	74	69	65	69	66	58	60	44	40	53	67	59	63	73	67	77	69	65	59	39	70	63	64	58	60.6
	MIN	48	24		26	26	18		26	40	28	20	38	37		24	26	33	38	26	28	27		28	27	38	27	25		30	37	40	30.2
ELLENDALE	MAX	69	76	64	55	39	48	62	65	68	76	63	68	63	48	41	36	52	70	59	50	70	68	74	75	75	66	59	43	69	73	64	61.5
	MIN	48	30	43	24	19	30	18	29	33	42	31	40	39	28	27	23	27	25	35	16	32	36	31	38	33	38	30	12	17	26	36	30.2
ENDERLIN	MAX	81	60	60	65	43	43	43	61	64	66	75	62	67	53	46	38	34	47	66	45	50	67	67	72	73	71	64	38	42	64	73	58.1
	MIN	46	28	29	24	21	19	15	25	24	37	30	30	32	29	28	20	22	26	32	15	16	37	28	28	30	30	29	14	11	25	34	26.3
EPPING	MAX	58	70	66	48	38	50	69	73	77	75	66	61	52	47	50	39	53	65	55	63	73	70	75	70	62	53	40	57	75	62	54	60.2
	MIN	41	30	40	19	20	13	26	32	41	33	26	28	32	22	18	23	28	31	28	28	31	31	38	32	34	28	19	23	24	36	34	28.7
FARGO WB AIRPORT	MAX	58	58	65	42	42	41	58	61	64	72	59	66	52	44	38	33	46	64	44	47	63	66	71	72	65	63	37	41	59	68	63	55.5
	MIN	36	29	32	26	21	27	19	32	35	44	29	39	34	30	18	17	13	31	23	23	32	35	28	31	31	36	20	14	21	32	30	28.0
FESSENDEN	MAX	67	63	57	40	39	51	65	64	69	69	61	66	54	45	43	28	43	63	53	55	73	65	73	69	69	59	37	43	67	65	57	57.2
	MIN	43	26	39	21	20	27	21	26	30	39	25	33	34	27	26	20	24	29	24	20	32	30	30	34	30	34	26	7	23	33	31	27.9
FORMAN	MAX	68	60	65	49	40	42	57	64	69	75	59	69	60	46	40	40	47	68	56	49	64	68	70	74	71	65	52	45	59	68	65	58.8
	MIN	47	28	42	21	18	32	15	34	29	42	30	36	38	28	25	22	26	22	26	17	36	32	25	38	32	36	28	12	28	32	28	29.2
FORT YATES	MAX														48	44	41	51	73	59	57	78	69	74	71	71	66	59	47	71	68	62	
	MIN														29	26	29	32	28	26	25	39	36	26	31	30	26	27	10	19	30	34	
FOXHOLM 7 N	MAX	75	68	67	45	40	50	69	67	74	70	64	63	52	47	46	31	51	60	59	61	70	66	76	68	65	56	44	50	70	65	54	59.5
	MIN	37	30	43	25	27	25	25	30	37	31	23	39	34	29	23	24	26	36	29	21	38	36	31	34	32	36	25	10	26	44	40	30.5

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 Continued

NORTH DAKOTA
OCTOBER 1952

Station		Day Of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FULLERTON	MAX	74	63	64	55	39	49	62	66	70	74	63	68	62	50	40	33	50	69	56	51	70	66	74	72	75	65	58	43	66	71	62	60.6
	MIN	48	27	43	22	17	30	19	29	26	41	29	37	36	28	25	21	25	26	31	16	32	42	29	34	29	35	27	10	19	26	31	28.7
GACKLE	MAX	70	62	67	44	37	47	67	67	67	71	67	68	57	47	44	32	43	65	55	57	72	64	73		72	61	43	44	64	65	65	58.2
	MIN	41	29	44	26	20	28		34	35	45	28	39	35	27	26	18	25	28	28	27	35	38	29		35	33	28	11	24	24	34	30.1
GARRISON	MAX	59	65	61	39	40	50	63	67	71	67	64	63	52	46	40	34	48	65	57	59	72	65	73	72	66	58	37	48	67	64	56	57.7
	MIN	34	30	28	21	24	23	26	32	37	36	25	34	31	25	22	25	29	32	29	23	32	34	32	36	35	29	19	11	24	37	35	28.7
GRAFTON STATE SCHOOL	MAX	76	59	61	46	42	41	60	62	64	69	63	66	63	47	42	32	43	59	43	48	67	66	74	67	69	63	50	41	67	62	58	57.1
	MIN	41	24	32	20	19	30	16	32	26	38	27	37	37	31	22	6	3	28	27	18	25	37	30	30	26	39	23	10	16	27	28	26.0
GRAND FORKS CAA	MAX	54	58	61	40	43	39	59	61	64	73	59	66	48	45	40	34	46	59	42	48	63	65	73	65	67	59	34	40	65	62	59	54.5
	MIN	42	27	30	23	21	24	20	30	31	38	28	39	32	32	12	11	10	33	25	23	32	33	31	27	27	33	18	13	20	32	31	26.7
GRAND FORKS UNIVERSITY	MAX	79	59	62	45	45	42	60	61	64	72	57	62	49	44	40	31	41	60	43	47	63	65	73	66	66	60	38	40	65	61	61	55.5
	MIN	45	28	28	24	22	32	20	29	33	44	29	34	37	33	21	13	11	31	30	23	31	35	33	28	31	38	27	14	20	32	34	28.7
GRAND RAPIDS 1N	MAX	69	63	64	49	43	48	62	65	72	73	63	69	63	46	40	49	64	48	58		72	66	76	72	77	64	52	43	70	71	64	61.2
	MIN	42	25	40	23	19	31	15	35	25	37	27	39	36	29	21	15	25	27	18		33	36	23	33	27	30	26	9	20	23	29	27.3
GRANVILLE	MAX	56	66	59	39	42	53	69	69	65	68	64	64	52	48	43	31	47	65	52	60	74	67	74	69	68	57	39	49	72	63	57	58.1
	MIN	42	29	39	22	24	25	25	27	33	32	24	33	33	30	25	23	28	32	24	24	34	30	37	30	31	35	24	9	25	34	35	29.0
GRENORA	MAX	59	71	68	58	58	48	69	72	75	73	64	60	52	50	43	43	55	65	62	61	72	67	73	70	62	52	50	58	55	62	55	60.7
	MIN	42	30	30	20	19	13	23	33	40	33	25	31	32	22	21	22	28	35	33	28	33	33	34	33	35	30	20	13	31	42	36	29.0
HANKINSON R R STATION	MAX	81	57	56	66	44	42	43	57	64	65	69	59	63	55	46	39	35	44	62	54	49	64	67	74	75	59	64	39	40	62	69	56.9
	MIN	48	31	33	26	21	23	20	29	29	30	34	32	39	30	28	21	20	24	30	19	21	38	34	32	35	32	32	14	14	21	29	28.0
HANNAH	MAX	61	60	54	36	40	45	60	62	65	65	57	62	49	43	39	30	35		58	52	69	63	72	62	68	53	40	40	67	56	65	54.3
	MIN	43	22	34	18	23	31	21	24	32	39	21	32	35	27	18	9	17		23	20	30	26	29	29	33	34	20	4	21	30	30	25.8
HANSBORO	MAX	52	62	53	36	40	47	64	64	68	63	59	62	51	42	39	26	37	59	44	54	71	64	72	64	68	53	41	41	63	58	55	53.9
	MIN	43	27	32	22	23	31	26	30	33	35	25	37	36	31	20	12	25	33	21	19	28	35	38	30	32	35	23	10	28	37	35	28.8
HETTINGER	MAX	67	65	60	44	36	46	66	69	72	70	68	66	50	46	40	50	54	72	60	62	73	69	73	73	65	65	39	52	75	69	57	60.4
	MIN	39	28	42	21	17	15	26	33	37	35	28	39	32	25	24	27	26	32	33	30	35	38	40	38	35	27	23	11	28	39	34	30.2
HILLSBORO	MAX	62	64	63	44	42	40	57	61	64	72	64	66	58	54	46	32	47	63	43	48	64	65	73	73	67	62	45		65	65	62	57.7
	MIN	47	30	42	26	21	29	18	33	28	42	33	40	42	35	28	15	10	29	23	18	31	34	30	31	33	38	29	14	24	30	33	29.5
JAMESTOWN CAA	MAX	59	61	61	40	39	48	61	64	69	71	63	66	53	47	43	30	46	66	48	52	72	66	73	70	70	61	38	44	66	66	60	57.2
	MIN	38	27	28	24	21	21	16	32	26	40	28	38	36	29	23	21	25	30	22	19	31	31	29	34	31	32	18	10	18	35	33	27.3
JAMESTOWN STATE HOSP	MAX	66	64	61	43	38	46	62	62	69	70	64	66	55	45	43	29	46	65	51	51	72	64	73	69	70	61	48	43	66	65	59	57.6
	MIN	47	28	43	24	21	32	16	35	28	41	29	40	37	29	29	21	25	24	30	19	31	39	26	34	30	34	29	12	20	35	34	29.7
KENMARE	MAX	76	55	67	48	36	41	50	69	67	72	63	62	60	50	46	30	32	50	62	52	59	70	64	75	64	63	50	35	50	69	60	56.4
	MIN	40	31	34	21	22	18	18	27	27	34	26	30	32	25	18	18	24	28	25	26	30	35	34	34	37	33	21	10	18	29	37	27.2
KENSAL WILOLIFF REFUGE	MAX	67	61	61	46	41	48	61	65	66	76	61	68	58	46	44	30	45	66	47	48	73	67	73	68	71	71	40	42	68	66	68	58.5
	MIN	44	24	37	22	20	30	15	26	25	38	24	37	34	27	27	18	24	25	22	19	27	34	28	31	26	28	26	6	18	32	34	26.7
LANGOON EXP FARM	MAX	70	58	54	40	42	47	58	63	65	69	62	63	53	43	36	30	35	60	56	52	68	65	72	64	68	59	41	40	66	59	55	55.3
	MIN	40	22	40	14	20	30	20	26	33	40	21	32	33	27	24	10	13	27	18	19	29	25	26	32	34	30	20	4	20	28	26	25.3
LARIMORE	MAX	65	59	61	44	42	39	59	61	64	69	60	66	58	46	41	31	46	52	41	49	68	69	74	65	68	59	48	41	66	63	57	55.8
	MIN	45	27	41	23	24	32	19	34	28	49	30	40	41	32	25	12	9		30	20	30	31	38	34	28	40	27	12	23	42	36	30.1
LEEDS	MAX	68	64	56	48	40	51	64	61	69	69	60	63	52	45	41	29	38		55	69	72	73	69	55	41		35	42	66	61	55	55.6
	MIN	39	25	30	16	22	30	26	32	33	35	34	33	31	35	26	17	20		20	30	34	35	26	31	28		24	9	26	38	34	28.2
LINTON	MAX	71	65	65	50	40	50	64	72	72	68	69	69	63	48	43	42	50	73	56	56	77	67	75	75	70	66	54	45	69	67	59	61.6
	MIN	45	24	40	21	19	29	15	26	36	44	26	37	35	29	27	27	32	22	27	25	35	30	21	30	32	25	27	7	18	27	27	27.9
LISBON	MAX																																
	MIN																																
LOSTWOOD 12N	MAX	53			33	37	48	67	68	71	63	62	59	48	45	45	32	50	60	53	58	70	63	71	67	62	51	33	48	67	60	55	55.1
	MIN	37			17	23	14	25	27	40	30	22	30	32	23	16	22	24	33	24	27	31	30	32	36	25	24	19	7	27	36	34	26.4
MADDOCK AGR SCHOOL	MAX	68	63	56	40	41	49	61	61	69	68	59	67	53	44	42	28	38	62	57	54	69	64	73	68	67	58	44	42	65	61	57	56.4
	MIN	42	26	39	22	22	30	18	31	31	33	21	32	30	27	24	16	20	31	22	19	28	29	26	36	30	35	25	6	23	37	33	27.2
MANOAN EXP STATION	MAX	79	60	66	61	40	40	48	66	67	72	71	65	67	52	47	35	39	49	70	54	59	77	65	73	68	67	62	37	47	70	67	59.4
	MIN	50	28	42	27	24	26	19	31	36	41	27	39	36	27	24	25	29	31	33	23	34	39	24	30	32	31	28	10	17	30	38	30.0
MANOAN FT LINCOLN PARK	MAX	74	62	65	48	43	51	67	70	72	71	66	69	54	49	46	40	51	72	59	59	80	67	75	79	74	64	54	47	69	68	60	62.1
	MIN	50	29	46	23	23	25	20	32	38	40	28		36	29	25	27	31	41	32	33	33	36	25	32	35	31	26	12	24	34	36	30.7
MARMARTH	MAX			65	50	38	47	72	74	78	65	72		50	48	42	49	58	72	64	66	71	67	75	72	63	61	47		77	63	57	61.6
	MIN			27	22	19	10	21	24	37	27	22	40	35	27	22	30	15	22	22	33	27	25	28	24	30	21	22	8	20	28	26	24.6
MAX	MAX	80	58	64	60	46	38	45	64	65	67	65	62	49	46	32	32	43	62	52	58	56	72	64	74	70	60	58	35	42	63	63	56.3
	MIN	43	28	29	21	21	21	20	21	32	37	25	32	25	22	22	24	28	29	23	24	21	31	32	32	38	29	23	10	11	23	32	26.1
MAYVILLE	MAX	70	60	62	51	43	40	59	62	65	73	66	66	58	47	39	33	47	64	51	50	66	67	72	70	64	62	52	41	66	65	58	57.7
	MIN	47	28	40	26	23	33	21	34	31	41	31	39	41	32	31	14	9	31	30	20	30	34	32	28	27	26	29	14	25	35	30	29.4
MC CLUSKY	MAX	70	63	60	42	37	47	65	65	70	65	61	62	49	44	42	30	43	54	53	56	71	63	72	69	66	57	46	43	65	63	55	56.4
	MIN	44	29	42	22	23	29	23	35	35	39	26	33	32	25	25	22	23	32	30	29	33	36	33	33	38	32	25	11	25	36	33	30.1
MC HENRY 5 N	MAX	63	60	56	40	41	45	62	61	66	69	58	65	54	45	41	26	40	62	48	50	70	64	71	67	68	58	45	40	65	63	56	55.5
	MIN	42	24	37	21	19	30	16	28	32	36	22	33	34	27	23	14	19	26	23	20	31	34	30	36	35	31	22	7	19	34	29	26.9
MC LEOD 3 E	MAX	66	66	69	68	47	45	61	66	65	77	70	69	60	47	44	35	49	70	53	52	65	71	72	75	70	65	55	44	67	65	66	61.1
	MIN	47	28	42		18	33	14	28	30	33	28	37	36	27	25	19	21	27	29	19	32	33	24	32		31	27	9		33	29	28.3
MEDORA 4 NNE	MAX	74	72	69	51	40	45	72	74	79	72	72	68	52	49	46	45	56	71	63	67	73	69	78	73	64	58	50	60	78	64	59	63.3
	MIN	47	2*	48	19	20	9	20	21	43	25	19	38	39	31	23	29	30	23	20	34	25	34	23	24	37	20	22	5	15	24	29	26.4
MINOT CAA	MAX	54	65	54	36	39	48	66	64	70	65	63	60	50	46	36	30	48	62	49	57	72	64	73	66	64	56	36	47	68	64	55	55.7
	MIN	38	30	26	24	27	25	29	33	41	39	28	39	34	30	21	25	27	43	27	25	38	34	41	34	44	33	21	13	30	39	38	31.5
MINOT EXP FARM	MAX	56	64	58	40	40	49	68	65	71	66	63	63	50		44	31	48	62	54	58	73	64	72	62	60	57	41	46	66	63	56	57.0
	MIN	43	30	39	23	26	24	26		41	39	26	35	32	29	22	25	22	35	27	26	37	35	37	31	40	35	24	11	28	40	37	30.8
MOHALL	MAX	57	63	61	36	42	51	69	66	72	65	67	63	54	46	42	28	50	64	61	59	71	63	75	67	65	51	40	49	69	63	55	57.6
	MIN	40	27	36	21	22	20	27	27	31	30	31	34	31	27	22	22	26	36	22	21	33	31	38	28	34	34	20	7	27	39	35	28.4
MOTT	MAX	70	67	60	50	36	48	70	70	74	70	69	67	50	49	41	45	54	71	66	62	74	67	73	77	65	66	54	62	77	64	58	62.1
	MIN	40	22	45	16	17	17	19	26	34	29	21	26	33	27	23	30	32	25	22	27	27	31	27	31	32	23		11	19	29	26	26.2
MUNICH 4 SW	MAX	65	60	55	36	39	46	60	62	65	66	58	64	50	42	38	37	34	60	49	51	66	64	71	64	65	52	35	40	63	56	54	53.8
	MIN	41	22	29	16	20	20	18	24	32	33	23	27	37	30	22	11	11	21	19	19	24	31	25	34	32	32	22	4	19	28	25	24.2

See Reference Notes Following Station Index

DAILY TEMPERATURES

NORTH DAKOTA
OCTOBER 1952

Table 5 - Continued

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON 1 SE	MAX	68	61	63	45	37	50	60	64	69	72	60	65	54	45	43	35	46	69	57	54	72	69	71	71	69	62	42	41	65	65	58	58.1
	MIN	47	29	44	22	22	29	18	32	34	47	23	37	35	31	25	22	27	33	29	19	38	35	32	31	32	32	26	7	25	35	34	30.1
NEW ENGLAND	MAX	68	68	63	49	36	46	70	71	74	65	71	65	55	47	37	44	55	70	60	63	72	66	76	77	64	63	39	55	77	63	55	60.8
	MIN	43	22	45	17	19	15	20	29	32	32	22	39	34	29	21	26	28	26	27	28	26	33	29	35	29	25	23	6	22	29	32	27.2
NEW SALEM 1 S	MAX	73		65	40	37	46	66	67	71	70	65	64	51	47	43	34	51	71	54	59	76	73	75	71	68	62	41	49	71	65	57	59.4
	MIN	43			19	19	23	26	39	36	40	28	35	33	25	21	25	26	35	28	23	35	32	33	35	38	31	23	12	25	40	34	29.7
NEWTOWN	MAX	61	68				49	68	69	75	64	67	62	52	47	47	36	51	65	55	62	71	65	75	70	63	58	43	52	71	63	57	60.2
	MIN	46	27				20	24	31	37	31	23	34	34	27	21	24	30	29	29	26	26	34	30	32	35	31	23	17	21	36	33	28.8
OAKES	MAX	79	60	61	63	41	39	45	60	64	69	72	63	66	54	46	38	33	49	67	48	47	65	65	72	71	72	64	38	41	62	69	57.5
	MIN	45	29	30	22	19	31	12	17	28	30	31	32	37	29	27	22	21	25	29	16	19	34	20	21	32	33	27	12	12	19	21	25.2
PARK RIVER	MAX	76	59	59	44	43	42	60	62	65	69	60	65	59	48	41	31	40	60	56	51	69	67	73	70	69	66	45	41	67	65	58	57.4
	MIN	39	27	28	21	25	33	24	35	30	38	29	40	40	33	27	12	11	34	28	20	35	41	37	37	29	40	26	14	25	40	36	30.1
PARSHALL	MAX	58	67	62	43	41	50	69	69	74	66	65	62	52	48	44	35	52	65	56	61	72	67	75	71	65	59	38	50	70	64	57	58.9
	MIN	44	23	42	22	23	15	23	25	36	37	19	30	35		20	24	29	28	26	25	26	27	30	32	34	26	22	6	16	34	26	26.8
PEMBINA 2N	MAX	77	60	60	50	48	42	63	63	66	70	67	62	61	49	45	35	35	56	56	47	56	69	75	75	66	69	43	41	67	67	59	58.0
	MIN	42	26	43	16	21	33	21	25	27	41	22	34	39	32	21	7	10	21	29	27	31	32	26	29	32	34	24	10	21	28	26	26.8
PETERSBURG	MAX	75	58	65	49	44	40	58	62	64	68	63	68	58	47	41	41	47	61	58	48	68	67	72	66	68	64	50	40	65	65	55	57.9
	MIN	41	25	39	20	22	30	21	33	30	40	24	34	34	28	25	15	15	20	25	11	22	30	28	32	26	27	14	8	12	30	17	25.1
PETTIBONE	MAX	66	61	51	42	36	48	59	64	67	70	61	64	51	49	39	29	45	64	48	54	73	64	72	71	67	59	50	42	64	64	56	56.5
	MIN	46	30	42	21	21	29	19	37	32	41	26	33	35	29	28	26	26	28	29	21	36	36	28	38	34	32	27	9	22	30	30	29.7
PORTAL	MAX	75	53	71	48	35	39	49	70	75	75	60	64	59	49	47	28	32	52	62	56		71	66	77	67	60	48	34	51	69	61	56.8
	MIN	38	29	43	18	21	15	26	32	40	30	25	29	31	22	12	20	25	29	27	25			34	34	37	31	18	10	22	33	34	27.2
POWERS LAKE 1N	MAX	54	67	55	54	38	47	68	68	73	60	62	60	48	49	44	33	50	62	52	58	70	64	71	69	60	50	34	50	68	61	53	56.5
	MIN	40	27	27	18	21	13	28	28	38	28	20	32	24	23	12	23	27	31	24	27	28	27	35	34	35	28	18	7	20	33	30	26.0
RICHAROTON ABBEY	MAX	72	67	60	47	36	47	69	70	73	67	69	64	54	46	44	42	53	70	60	61	74	67	76	72	65	61	50	52	76	67	59	61.0
	MIN	47	32	46	20	20	23	25	35	37	38	30	30	36	26	21	28	30	35	34	26	35	40	35	39	42	33	24	13	30	43	37	31.9
RIVERDALE	MAX	76	57	65	57	38	38	48	67	66	71	66	64	60	51	46	33	36	48	64	52	59	71	64	73	71	65	57	36	48	67	64	57.4
	MIN	46	30	35	25	25	25	26	31	33	37	27	33	35	28	22	23	28	30	31	23	26	31	35	33	36	35	24	14	15	28	34	29.2
ROLLA	MAX	52	60	53	35	38	48	61	62	67	63	57	61	53	41	39	26	36	60	49	54	69	65	71	64	65	53	37	38	60	57	55	53.2
	MIN	42	30	29	16	22	28	25	33	32	33	25	37	36	31	19	14	23	31	25	20	31	38	35	33	33	32	21	17	24	37	31	28.3
RUGBY	MAX	71	62	61	43	40	50	64	64	70	68	61	62	58	47	43	30	40	61	59	55	71	66	74	68	68	60	46	42	66	61	55	57.6
	MIN	33	28	43	22	23	28	26	34	36	36	26	30	34	28	25	21	25	31	24	22	32	32	28	39	36	34	24	10	22	34	31	28.9
SAN HAVEN	MAX	49	61	56	37	38	49	64	63	69	61	56	60	50	42	38	24	37	60	53	54	69	64	71	62		61	42	40	61	57	49	53.2
	MIN	43	28	37	16	23	27	26	37	35	38	30	36	35	30	23	17	23	32	28	21	30	36	35	46	35	32	22	11	22	38	31	29.8
SHARON	MAX	64	58	58	39	40	40	56	63	65	68	58	63	51	43	40	28	42	62	48	48	66	67	71	67	67	60	37	40	63	63	56	54.5
	MIN	42	27	30	23	22	31	20	34	35	38	28	34	37	30	26	16	15	30	29	23	33	32	30	35	37	33	25	10	23	34	30	28.8
STANLEY	MAX	55	64	55	35	39	46	67	65	72	61	63	54	50	46	45	34	50	62	52	59	70	48	72	68	62	51	38	50	69	61	63	55.7
	MIN	31	29	33	16	16	19	19	36	32	31	38	21	32	21	18	18	26	32	32	24	24	32	28	35	32	31	20	9	25	40	34	26.9
STEELE	MAX	71	62	65		38	49	64	65	70	71	70	66	60	45	47	32	49	67	61	56	75	65	73	73	69	61	50	42	65	66	57	60.0
	MIN	45	25	42	18	18	27	18	33	35	26	25	33	34	26	28	22	27	28	30	21	35	38	28	33	29	28	25	9	21	30	29	27.9
TOWNER	MAX	57	64	54	40	38	52	58	72	69	59	67	64	59		42	30	49		44	56	62	74	64	67	59	49	39		68	54	53	55.8
	MIN	38	24	36	18	19	19	22	32	35	24	33	29	28	25		23	20		24								18	18		22	29	
TURTLE LAKE	MAX	71	68	60			49					63	62		45	43	32	46	60	54		71	64	72			60	37				60	
	MIN	45	45		24	23	24					26			27	22	22	24	26	21		21	33	29			23	23	14	18	19		
UNDERWOOD	MAX	76	57	64	57	42	37	49	66	67	70	67	63	62	50	45	32	33	48	65	52	57	71	65	74	71	66	57	32	42	68	64	57.1
	MIN	45	30	33	24	24	25	23	23	23	35	24	30	35	26	22	23	25	29	29	22	23	32	32	33	37	33	23	16	17	28	35	27.7
UPHAM 3N	MAX	73	65	56	42	39	52	69	68	74	70	62	68	67	47	45	30	47	66	60	59	75	69	76	71	70	53	44	46	72	70	59	60.1
	MIN	40	24	41	19	22	22	24	26	32	27	19	33	31	31	23	22	26	33	22	22	24	26	26	33	28	33	19	6	19	31	27	26.2
VALLEY CITY	MAX	73	61	61	55	41	43	60	62	68	70	66	66	63	49	43	34	44	64	62	50	68	69	71	68	70	69	59	40	64	65	65	59.5
	MIN	46	29	44	26	22	33	16	32	28	38	29	40	35	32	28	21	24	30	31	22	32	36	23	33	33	37	30	15	24	32	33	30.1
VELVA	MAX	70	65	58	41	40	49	69	64	72	65	63	62	50	48	45	31	46	63	56	58	73	63	74	67	65	57	46	46	68	63	56	57.8
	MIN	43	32		24	20	27	25	28	40	35	25	37	35	30	25	24	27	34	27	25	38	32	31	30	30	38	24	13	27	36	37	30.0
WAHPETON STATE SCHOOL	MAX	73	59	71	66	47	44	58	66	65	72	70	71	61	58	44	32	47	69	59	49	63	70	73	74	66	70	55	44	61	70	71	61.2
	MIN	47	29	42	26	20	34	20	31	33	42	30	38	40	28	28	18	14	27	26	22	32	34	28	39	35	35	29	11	21	30	32	29.7
WASHBURN	MAX	67	67	62		36	52	70	70	70	71	65	65	54	49	44	35	51	68	62	58	76	69	75	73	69	61	39	49	71	66	59	60.8
	MIN	46	28		22	24	26	23	31	42	46	32	36	32	26	22	24	29	29	28	22	32	34	31	29	32	30	23	11	21	29	33	29.1
WATFORD CITY	MAX	59	69	61	40	39	50	69	73	77	62	68	59	51	47	38	42	54	65	59	64	71	67	77	72	63	56	39	58	72	63	54	59.3
	MIN	47	26	39	20	18	16	24	28	40	33	24	32	31	24	20	23	28	36	27	27	34	29	34	32	38	30	22	8	23	39	35	28.6
WESTHOPE	MAX	56	65	54	41	40	50	66	51	71	63	63	59	51	46	43	28	48	63	48	57	72	65	74	68	65	51	47	46	68	61	55	56.3
	MIN	35	27	38	16	26	22	25	29	36	34	23	31	29	29	22	22	26	33	24	23	30	27	31	32	33	27	17	8	21	33	32	27.1
WILLISTON WB CITY	MAX	58	70	59	39	40	48	68	71	77	61	67	57	52	49	33	42	55	66	57	63	71	67	75	69	62	54	39	57	67	63	54	58.4
	MIN	38	33	28	26	21	18	30	32	46	34	30	37	33	26	21	26	30	37	29	33	35	36	41	39	40	32	20	17	28	41	40	31.5
WILLOW CITY	MAX	57	64	52	39	41	51	66	64	70	69	59	63	52	45	43	28	42	63	45	58	73	65	74	68	67	53	38	44	66	62	56	56.0
	MIN	41	23	30	21	23	24	19	28	35	26	17	29	31	30	19	18	21	27	18	18	21	29	23	33		31	22	7	22	35	25	24.9
WILTON RR STATION	MAX	75	58	64	58	38	36	47	64	65	70	66	61	62	51	44	33	33	41	65	49	56	73	62	71	69	66	57	36	44	65	64	56.2
	MIN	45	29	34	24	24	26	20	23	35	37	28	35	34	27	22	22	25	28	30	21	23	33	31	37	39	39	25	14	14	23	39	28.4
WISHEK	MAX	66	55	54	48	31	41	59	65	67	69	63	65	62	49	43	35	49	60	57	58	70	72	72	71	70	69	56	41	65	66	63	58.4
	MIN	42	23	39	17	15	26	15	32	30	40	21		36	29	25	23	27	27	25	28	33	27	24	32	33	28	25	10	12	38	34	27.2

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
OCTOBER 1952

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL																T															
	SN ON GND																															
AMENIA	SNOWFALL													T	T		T															
	SN ON GND																															
AMIDON	SNOWFALL																T															
	SN ON GND																															
BELCOURT INDIAN RES	SNOWFALL				T	T									T	T	T															
	SN ON GND																T															
BELFIELD	SNOWFALL															T																
	SN ON GND																															
BISBEE	SNOWFALL															T	T															
	SN ON GND																T															
BISMARCK WB CITY	SNOWFALL						T										T	T														
	SN ON GND																															
BISMARCK WB AP	SNOWFALL					T										T	T	T														
	SN ON GND																															
BOTTINEAU	SNOWFALL						T								D.7		T	D.3														
	SN ON GND																															
BOWBELLS	SNOWFALL																D.2															
	SN ON GND																T															
DEVILS LAKE WB CITY	SNOWFALL				T	T									D.1	T	0.4											T				
	SN ON GND														T			T										T				
DICKINSON CAA AP	SNOWFALL													T		T	T															
	SN ON GND																															
DICKINSON EXP STA	SNOWFALL														T																	
	SN ON GND																															
DUNN CENTER	SNOWFALL														T			T														
	SN ON GND																															
EDMORE 1 W	SNOWFALL				T	T	T									T																
	SN ON GND																															
ELLENDALE	SNOWFALL					T											T	T														
	SN ON GND																															
FARGO WB AP	SNOWFALL					T	T								T	T	T											T				
	SN ON GND																															
FOXHOLM 7 N	SNOWFALL																T															
	SN ON GND																T															
FULLERTON	SNOWFALL					T											T															
	SN ON GND																															
GARRISON	SNOWFALL					T																										
	SN ON GND																															
GRAFTON STATE SCHOOL	SNOWFALL					T										T																
	SN ON GND																															
GRAND FORKS CAA AP	SNOWFALL				T	T	T									T												T				
	SN ON GND																															
GRAND FORKS UNIV	SNOWFALL														T													T				
	SN ON GND																															
GRANVILLE	SNOWFALL																T															
	SN ON GND																T															
HANSBORO	SNOWFALL														T	T	D.2															
	SN ON GND															T	T															
JAMESTOWN CAA AP	SNOWFALL															T	T	T														
	SN ON GND																	T														
MAYVILLE	SNOWFALL														T	T																
	SN ON GND																															
MC CLUSKY	SNOWFALL																T															
	SN ON GND																T															
MC HENRY 5 N	SNOWFALL														T	T	D.4															
	SN ON GND															T	T															
MEDORA 4 NNE	SNOWFALL																T															
	SN ON GND																															
MINOT CAA AP	SNOWFALL					T										T	D.1	T														
	SN ON GND															T		T														
MINOT EXP FARM	SNOWFALL					T																										
	SN ON GND																															
MOHALL	SNOWFALL																0.3															
	SN ON GND																T															
MONTPELIER	SNOWFALL																D.4															
	SN ON GND																T															
MOTT	SNOWFALL																T															
	SN ON GND																															
MUNICH 4 SW	SNOWFALL				T	T								T	T	T																
	SN ON GND																															
OAKES	SNOWFALL						T										-	-														
	SN ON GND																															
PARSHALL	SNOWFALL															T	T															
	SN ON GND																															
PETTIBONE	SNOWFALL														T		1.0															
	SN ON GND																1															

See reference notes following Station Index.

Table 7-CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
OCTOBER 1952

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PRETTY ROCK	SNOWFALL													-			0.3														
	SN ON GND																															
RICHARDTON ABBEY	SNOWFALL														T		T														
	SN ON GND																															
RIVERDALE	SNOWFALL						T									T	T	T													
	SN ON GND																															
ROLLA	SNOWFALL				T											D.1	D.3														
	SN ON GND																T															
SAN HAVEN	SNOWFALL					T										0.1	0.3														
	SN ON GND																T															
SHARON	SNOWFALL															T	T														
	SN ON GND																															
STANLEY	SNOWFALL																1.D														
	SN ON GND																															
UPHAM 3 N	SNOWFALL					T											1.D														
	SN ON GND																1															
VALLEY CITY	SNOWFALL															T	T														
	SN ON GND																															
WAHPETON STATE SCHOOL	SNOWFALL																T														
	SN ON GND																															
WESTHOPE	SNOWFALL																1.D														
	SN ON GND																I															
WILLISTON WB CITY	SNOWFALL															T	D.3														
	SN ON GND																T															
WILLOW CITY	SNOWFALL														T	T	D.5														
	SN ON GND														T	T	T															

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
ADAMS 7 S	0022	WALSH	10	48 2	98 06	-		6P	MYRON J. BATA	3
ALEXANDER	0096	MC KENZIE	13	47 50	103 38	2266		6P	ARTHUR J. BAUMAN	3
ALMONT 7 SW	0136	MORTON	4	46 48	101 39	2300	7P	7P	MORGAN RAMSLAND	2 3 5 7
AMBROSE	0189	DIVIDE	2	48 58	103 28	2059		5P	SOO LINE AGENT	3
AMENIA	0196	CASS	9	47 0	97 13	960		5S	VIRGIL C. GEBLKE	2 3 5 7
AMIDON	0209	SLOPE	1	46 30	103 19	2910	8A	8A	VIRGINIA M. ZUNDEL	2 3 5 7
ANTLER	0263	BOTTINEAU	11	48 58	101 20	1540		MID	W. H. WEGNER	3
ARVILLA STATE PARK	0369	GRAND FORKS	10	A 56	97 30	960	6P	6P	ALBERT THOREN	2 3 5
ASHLEY	0382	MC INTOSH	8	46 02	99 22	2025	5S	5S	SOO LINE AGENT	2 3 5 7
BALDHILL DAM	0450	BARNES	11	A 47 02	98 02	1300	8A	8A	F. A. JOHNSON	2 3 5
BALTA	0500	PIERCE	11	48 10	100 02	1550		6P	ROYCE E. PAULSON	3
BANTRY	0516	MC KENRY	7	48 30	100 36	-		6P	TEMPLE K. ROBERTS	3
BEACH	0590	GOLDEN VALLEY	7	46 55	104 01	2814	6A	6A	HELEN TOBIAS	2 3 5 7
BELCOURT INDIAN RES	0626	ROLETTE	9	48 50	99 45	1960	7P	7P	TURTLE MT. IND. AG.	2 3 5 7
BELFIELD	0639	STARK	A	46 52	103 11	2592	7P	7P	CARL INDERGAARD	2 3 5 7
BERTHOLD	0729	WARD	12	48 19	101 44	2080		6P	JOSEPH S. COX	3
BEULAH	0766	MERCER	6	47 16	101 47	1780		4P	MONT. DAK. UTIL. CO.	3 7
BISBEE	0796	TOWNER	2	48 37	99 22	1600	6P	6P	ROBERT J. KRICK	2 3 5 7
BISMARCK WB CITY	0814	BURLEIGH	8	46 48	100 48	1670	9A	9A	U. S. WEATHER BUREAU	2 3 5 7
BISMARCK WB AIRPORT	0819	BURLEIGH	8	46 46	100 45	1650	MID	MID	U. S. WEATHER BUREAU	2 3 5 7
BOTTINEAU	0941	BOTTINEAU	12	48 50	100 27	1638	8A	8A	N. D. SCH. OF FRSTRY	2 3 5 7
BOWBELLS	0961	BURKE	12	48 48	102 15	1953	8A	8A	FELIX L. ADAMS	2 3 5 7
BOWBELLS 5 E	0966	WARD	12	48 47	102 08	1925	8A	8A	CLOSED - - - - - -	10/1/56
BOWMAN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2872	5P	5P	O. B. HOOK	2 3 5
BOWMAN 11 SE	0998	BOWMAN	3	46 04	103 19	-		6P	BERNARD L. DOMAGALA	3
BOWMAN 30 NNW	1001	SLOPE	8	46 35	103 31	-		5P	ROBERT L. HANSON	3
BREIEN	1052	MORTON	1	46 24	100 57	1720		MID	FRANK E. POTTER	3 #
BUCHANAN	1124	STUTSMAN	5	47 04	98 49	1572		MID	W. H. HENDRICKSON	3
BURT 16	1216	HETTINGER	1	46 36	102 08	-		6P	JACOB GRUEBELL	3
BUTTE	1225	MC LEAN	12	47 50	100 40	1880	6A	6A	EARL R. WARD	2 3 5
CANDO	1288	TOWNER	2	48 29	99 12	-		MID	HARRY E. HARRIS	3
CARRINGTON	1360	FOSTER	5	47 27	99 08	1579	7A	7A	SOO LINE AGENT	2 3 5
CARSON	1365	GRANT	4	46 25	101 34	2300		MID	VINCENT MUGGLI	3
CARSON NO 2	1370	GRANT	4	46 25	101 34	2331	7A	7A	ALEXANDER P. MADISON	2 3 5 7
CAVALIER	1435	PEMBINA	9	48 48	97 38	889	6P	6P	WILLIE HANSEN PICO	2 3 5
CENTER	1456	OLIVER	8	47 07	101 18	2100	7P	7P	FRED L. HEINZ	2 3 5 7
COLGATE	1686	STEELE	10	47 14	97 39	1180		6P	JOHN P. BURCHILL	3
COLUMBUS	1696	BURKE	12	48 54	102 47	1930		6P	J. D. SUNDELL	3
COLVINSTOWN	1760	GRIGGS	11	47 26	98 07	1428	5P	5P	R. LOCKNER	2 3 5
COURTENAY	1816	STUTSMAN	5	47 13	98 34	1523		5P	G. H. HANAWALT	3
CROSBY	1871	DIVIDE	12	48 54	103 18	1954	6P	6P	VERNON V. NICHOLS	2 3 5 7
DEVILS LAKE WB CITY	2158	RAMSEY	3	48 07	98 52	1471	MID	MID	U. S. WEATHER BUREAU	2 3 5 6 7
DICKINSON CAA AP	2183	STARK	4	46 48	102 48	2587	MID	MID	U. S. CIVIL AERO ADM	2 3 5 7
DICKINSON EXP. STATION	2188	STARK	4	46 53	102 48	2460	7A	7A	DICKINSON EXP. STA.	2 3 5 6 7
DONNYBROOK	2242	WARD	12	48 31	101 53	1760		6P	FRED E. FELDNER	3
DRAKE	2298	MC HENRY	12	47 55	100 22	1634	8A	8A	ED. J. EVANS	2 3 5
DUNN CENTER	2365	DUNN	6	47 21	102 37	2191	6A	6A	CHARLES C. NEUSTEL	2 3 5 7
EDINBURG	2472	BOTTINEAU	12	48 39	101 03	1500	7A	7A	SOO LINE AGENT	2 3 5
EDGELEY EXP. FARM	2482	LA MOURE	5	46 20	98 42	1568	8A	8A	N.D. AGRI. EXP. STA.	2 3 5 6
EDMORE 1 W	2525	RAMSEY	2	48 25	98 29	1524	5P	5P	MIKE DAVIS	2 3 5 7
ELBOWOODS	2570	MC LEAN	8	47 35	102 09	2082	6P	6P	H. W. CASE	2 3 5
ELGIN 5 S	2592	GRANT	1	46 21	101 49	-		6P	ART A. ESLINGER	3
ELLENDALE	2605	DICKEY	5	46 00	98 31	1460	8P	8P	PAUL GRESS	2 3 5 7
ENDERLIN	2695	RANSOM	11	46 38	97 36	2004	7A	7A	LEONARD PETERSON	2 3 5
EPPING	2735	WILLIAMS	8	48 18	103 21	2224	6P	6P	T. BEACHLER	2 3 5
ESMOND	2767	BENSON	11	48 02	99 46	1650		MID	LYLE O. FERING	3
FAIRFIELD	2809	BILLINGS	7	47 11	103 13	2750		6P	J. HN PETRYSHAK	3
FARGO WB AIRPORT	2859	CASS	10	46 54	96 48	895	MID	MID	U. S. WEATHER BUREAU	2 3 5 7
FESSENDEN	2949	WELLS	5	47 39	99 37	1620	6P	6P	EMIL E. RUST	2 3 5
FLASHER	3009	MORTON	1	46 27	101 14	1930		8A	GEORGE M. SINCLAIR	3
FLAXTON	3019	BURKE	12	48 54	102 23	1940		6P	PALMER M. DUNHAM	3
FORBES 13 NW	3064	DICKEY	5	46 04	98 56	-		6P	THEODORE A WIRCH	3
FORMAN	3117	SARGENT	10	46 06	97 38	1249	6P	6P	ART WATERMAN	2 3 5
FORT YATES	3207	SIOUX	8	46 06	100 38	1640	SS	SS	R. P. DETLING	2 3 5 7
FOXHOLM 7 N	3217	WARD	12	48 27	101 33	1609	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
FRYBURG	3277	BILLINGS	4	46 53	103 18	2790		7A	HERMAN J. HAY	3
FULLERTON	3287	DICKEY	5	46 10	98 25	1439	6P	6P	F. O. ALIN	2 3 5 7
GACKLE	3309	LOGAN	5	46 38	99 08	1951	6P	6P	ALVIL HUMMEL	2 3 5
GARRISON	3376	MC LEAN	8	47 38	101 25	1911	MID	MID	ALBERT J. BEIRELE	2 3 5 7
GLEN ULLIN 13 N	3501	MERCER	6	47 00	101 47	2221		6P	CHRIST SCHILLING	3
GOLDEN VALLEY 10 S	3529	MERCER	6	47 10	102 03	1870		6P	ROBERT M. BACKFISCH	3
GRACE CITY	3583	FOSTER	5	47 33	98 48	-		MID	IDA BONDERUD	3
GRAFTON STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 5 7
GRAND FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	834	MID	MID	U S CIVIL AERO ADM	2 3 5 7
GRAND FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	MID	7P	UNIVERSITY OF N. D.	2 3 5 7
GRAND RAPIDS 1 N	3665	LA MOURE	5	46 29	98 21	1360	6P	6P	ALBERT J. NESS	2 3 5
GRANVILLE	3686	MC HENRY	12	48 16	100 51	1504	7P	7P	FRED ROBLE	2 3 5 7
GRASSY BUTTE	3696	MC KENZIE	7	47 24	103 14	2660		MID	SAM CHARCHENKO	3
GRASSY BUTTE 10 N	3701	MC KENZIE	7	47 31	103 14	2497		6P	EDSEL G. CRIST	3
GRENORA	3736	WILLIAMS	8	48 37	103 46	2114	5P	5P	L. D. NIELSON	2 3 5
HALEY	3836	BOWMAN	3	45 58	103 08	-		MID	J. E. CRAWFORD	3
HALLIDAY	3846	DUNN	6	47 21	102 20	2073		6P	JOHN KISSE	3
HANKINSON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
HANNAH	3936	CAVALIER	9	48 59	98 41	1570	6P	6P	U S CUSTOMS OFFICE	2 3 5
HANSBORO	3963	TOWNER	9	48 57	99 23	1597	7P	7P	CHARLES E. DISHER	2 3 5 7
HARVEY 3 NE	4013	WELLS	11	47 45	99 53	1596		6P	H. J. REYNOLDS	3
HAYNES 5 NE	4073	ADAMS	1	46 00	102 22	2550		MID	HAZEN EVANS	3
HETTINGER	4178	ADAMS	3	46 00	102 38	2680	6P	6P	FRED O. FORTHUN	2 3 5 7
HETTINGER 17 N	4186	ADAMS	1	46 15	102 39	-		6P	O. J. GERBRACHT	3
HILLSBORO	4203	TRAILL	10	47 24	97 04	901	6P	6P	ALFRED JAHNKE	2 3 5
HAMESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1497	MID	MID	U S CIVIL AERO ADM	2 3 5 7
HAMESTOWN ST HOSPITAL	4418	STUTSMAN	5	46 53	98 40	1457	7P	7P	N. D. ST. HOSPITAL	2 3 5
HEENE 2 S	4571	MC KENZIE	8	47 54	102 56	2346		6P	KENNETH V. BERGET	3
HENMARE	4646	WARD	12	48 40	102 05	1800	8A	8A	THEO. E. ECKBERG	2 3 5
HENSAL WILDLIFE REFUGE	4656	STUTSMAN	5	47 15	98 52	1440	7P	7P	U S WILDLIFE REFUGE	2 3 5 7
HILLDEER 8 NW	4726	DUNN	7	47 26	102 53	2240		6P	LEONARD J. DAVIS	3 7
HOLMES	4843	LA MOURE	5	46 18	98 57	1970		6P	JOHN STROEHL	3
HONGDON EXP. FARM	4958	CAVALIER	9	48 45	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5
HANSFORD	5002	BOTTINEAU	12	48 38	101 22	1600		6P	LOUIS SCHAEFER	3
HARMORE	5013	GRAND FORKS	10	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
HEEDS	5078	BENSON	2	48 17	99 26	1515	6P	6P	JOHN FAGER	2 3 5
HEFOR 10 E	5088	STARK	4	46 38	102 21	2580		5P	JOSEPH LINK	3
HINTON	5210	REMMONS	8	46 16	100 14	1711	8P	8P	WILLIAM HEYERMAN	2 3 5
HISBON	5220	RANSOM	11	46 26	97 42	1089	5P	5P	N. DAK. SOLDIERS HOME	2 3 5
HITCHVILLE	5230	BARNES	11	46 39	98 11	-		6P	WILLIAM H. RUGH	3
HOSTWOOD 12 N	5320	BURKE	12	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
HADDOCK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	6P	6P	BENSON CY AGR SCHL	2 3 5
HANDAN EXP. STATION	5479	MORTON	4	46 48	100 54	1750	8A	8A	NO. G.P. FIELD STA.	2 3 5 6 7
HANDAN FT. LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
HANNING	5519	DUNN	6	47 14	102 46	-		MID	DONALD JEFFERIES	3
HARMARTH	5573	SLOPE	7	46 18	103 55	2714	6P	6P	S. P. GRANE	2 3 5
HARMARTH M D U CO.	5575	SLOPE	7	46 18	103 55	2710		MID	E. B. JESTNES	3
HARTIN	5610	SHERIDAN	11	47 50	100 07	1610		5P	ELROY E. KESSLER	3
HAX	5638	MC LEAN	8	47 49	101 17	2093	7A	7A	SOO LINE AGENT	2 3 5
HAYVILLE	5660	TRAILL	10	47 30	97 19	975	6P	6P	H. A. RAGAZ	2 3 5 7
HC CLUSKY	5710	SHERIDAN	8	47 29	100 29	1943	6P	6P	ELMER L. SCHIELKE	2 3 5 7
HC HENRY 5 N	5730	EDDY	11	47 38	98 35	1509	7P	7P	C. E. BLASKY	2 3 5 7
HC LEOD 3 E	5754	RICHLAND	11	46 24	97 14	1075	7P	7P	J. G. CARLSON	2 3 5
HC VILLE	5764	NELSON	10	47 46	98 11	1467		6P	H. H. KNIEFEL	3
HEDINA 1 W	5798	STUTSMAN	8	46 53	99 19	-		6P	RUDOLPH GRAF	3
MEDORA	5803	BILLINGS	7	46 55	103 31	2270		MID	JAY J. EATON	3
MEDORA 6 NNE	5813	BILLINGS	7	46 58	103 30	2250	5P	5P	U S NATL PARK SERV.	2 3 5 7
MEDORA 23 NNW	5818	BILLINGS	7	47 14	103 36	2123		7P	ARCHIE E. MC ADOO	3
MELVILLE	5833	FOSTER	5	47 20	99 02	1625		MID	EDGAR S. STEGMEIER	3
MINOT CAA AP	5988	WARD	12	48 15	101 17	1724	MID	MID	U S CIVIL AERO ADM	2 3 5 7
MINOT EXP FARM	5993	WARD	12	48 10	101 18	1720	6P	6P	N C AGRI EXP STA	2 3 5 7
MOFFIT 4 SE	6015	BURLEIGHT	8	46 40	100 14	1760		5P	U S FISH & W L SERV.	3
MOHALL	6025	RENVILLE	12	48 46	101 31	1639	9P	9P	IVER JOHNSON	2 3 5 7
MONTPELIER	6105	STUTSMAN	5	46 42	98 35	-		6P	ROLF HANSON	3 5 7
MOTT	6155	HETTINGER	1	46 23	102 20	2420	SS	SS	FORREST E. COFFING	2 3 5 7

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
MUNICH 4 SW	6195	CAVALIER	2	48 38	98 53	1498	7P	7P	HAROLD [illegible]	3
NAPOLEON 1 NE	6355	LOGAN	6	46 29	99 45	1791	7P	7P	LADY J. [illegible]	3
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2611	6P	6P	ANTON SELINGER	3
NEW ROCKFORD 7 WNW	6355	EDDY	5	47 43	99 16	1950		6P	RICHARD [illegible]	3
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2163	6P	6P	WILLIAM F. GAEB	3
NOONAN	6455	DIVIDE	12	48 53	103 01	1961		6P	EORLE KIETEY	3
NORTHGAGE	6535	BURKE	12	49 00	102 16	1850		MID	U S CUSTOMS STATION	3
NORTONVILLE	6565	LA MOURE	5	46 13	98 44			6P	HENRY ERICKSON	3
OAKES	6620	DICKEY	5	46 08	98 05	1320	8A	8A	MR. E.CARRIE MURRAY	2 3 5
PARK RIVER	6857	WALSH	10	48 23	97 45	998	5P	5P	MARTIN SEVERSON	2 3 5
PARSHALL	6867	MOUNTRAIL	8	47 57	102 08	929	6P	6P	C. E. SHUBERT	2 3 5
PEMBINA 2 N	6947	PEMBINA	10	49 00	97 14	790	6P	6P	U S CUSTOMS & IMMIG	2 3 5
PETERSBURG	7 27	NEL N	10	48 01	98 00	524	5P	5P	REV. ODEAN MONSON	2 3 5
PETTIBONE	7047	KIDDER	8	47 07	99 31	860	7P	7P	L. H. DETHLOFF	2 3 5
PINGREE	7117	STUTSMAN	5	47 10	98 54	1572		6P	JERRY W. TANGNEY	3
PORTAL	7201	BURKE	12	49 00	102 33	1954	9A	9A	U S CUSTOMS SERVICE	2 3 5
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	7P	7P	HERBERT J. CLARK	2 3 5 7
PRETTY ROCK	7311	GRANT	1	46 11	101 51	-		6P	FREDA FEER	3
REEDER	7450	ADAMS	3	46 06	102 57	2810		6P	ROBERT CULLEN	3
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2860		8A	CHAS. M. METZINGER	3
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2467	5P	5P	ASSUMPTION ABBEY	2 3 5
RIVERDALE	7585	MC LEAN	8	47 30	101 21	1910	8A	8A	CORPS OF ENGINEERS	2 3 5 7
ROLLA	7664	ROLETTE	9	48 52	99 37	1860	7P	7P	THEO B. FAGERLUND	2 3 5
RUGBY	7704	PIERCE	12	48 22	100 00	1560	6P	6P	FRANK HORNSTEIN	2 3 5
RYDER	7749	WARD	8	47 55	101 40	2108		6P	S. C. SCHELLENBAUM	3
SAN HAVEN	7824	ROLLETTE	12	48 50	100 02	2001	6P	6P	N. DAK. STATE HOSP.	2 3 5
SANISH	7834	MOUNTRAIL	8	47 59	102 32	1835	7A	7A	CLOSED - - - - - -	9/30/52
SCRANTON	7932	BOWMAN	3	46 09	103 09	2776		6P	FRANK I. MM	3
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	2183		7P	L. E. WILSON	3
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	-		7P	G. E. BURY	3
SHARON	7986	STEELE	10	47 36	97 54	1516	8P	8P	HUGH LYON	2 3 5
SHERWOOD 3 N	8047	RENVILLE	12	49 00	101 38	1647		6P	U S CUSTOMS SERVICE	3
SHEYENNE	8057	EDDY	11	47 50	99 07	1480		MID	ALVIN H. KENNEDY	3
SHIELDS	8065	GRANT	1	46 14	101 07	-		6P	EDWIN O. CARLSON	3
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	7P	7P	LEROY EDWARD	2 3 5
STEELE	8366	KIDDER	8	46 51	99 55	1857	6P	6P	STEELE OZONE PRESS	2 3 5
SYKESTON	8608	WELLS	5	47 28	99 24	1634		4P	EDWARD SONDAG	3
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		6P	GEORGE N. PILGARD	3
TIOGA	8737	WILLIAMS	8	48 24	102 56	2279		6P	L. A. SIMON	3
TOLLEY 5 NNE	8764	RENVILLE	12	48 47	101 47	1603		5P	HENRY M. CHRISTEN	3
TOWNER	8792	MC HENRY	12	48 21	100 24	1482	7P	7P	AUGUST B. RIEDER	2 3 5
TROTTERS 6 WNW	8807	MC KENZIE	13	47 21	104 01	2420		5P	WALTER GRUNEWALD	3
TURTLE LAKE	8840	MC LEAN	8	47 31	100 53	1898	5P	5P	ART KLUNGTVEDT	2 3 5
TUTTLE	8850	KIDDER	8	47 08	100 00	1880		5P	THEODORE C. OCHSNER	3
UNDERWOOD	8877	MC LEAN	8	47 27	101 08	2026	7A	7A	CLARENCE W. JOHNSON	2 3 5
UPHAM 3 N	8913	MC HENRY	12	48 37	100 44	1425	5P	5P	U S WILDLIFE REFUGE	2 3 5
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	6P	6P	MISS I.C. ROBERTSON	2 3 5
VAN HOOK	8970	MOUNTRAIL	8	47 57	102 21	1864	6P	6P	CLO ED - - - - - -	8/16/52
VELVA	8990	MC HENRY	12	48 03	100 55	1511	6P	6P	OSCAR ANDERSON	2 3 5
VERONA	9035	LA MOURE	5	46 22	98 05	1382		6P	WARREN O. TENG	3
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	5P	5P	ST SCH OF SCIENCE	2 3 5
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		6P	FELIX A. GASTONGUAY	3
WARWICK	9185	BENSON	11	47 51	98 42	-		6P	VIRGIL B. JOHNSON	3
WASHBURN	9195	MC LEAN	8	47 17	101 02	1731	6P	6P	FRED KRAUSE	2 3 5
WASHBURN WATER WORKS	9205	MC LEAN	8	47 17	101 02	1730		MID	WASHBURN WATER WKS	3
WATAUGA 8 N, S. DAK.	9219	GRANT	1	46 02	101 34	2074		6P	MARY E. KATUS	3
WATFORD CITY	9233	MC KENZIE	8	47 48	103 17	2084	8P	8P	J. C. ZELLER	2 3 5
WATFORD CITY 11 E	9238	MC KENZIE	8	47 47	103 02	-		MID	IDA PETERSON	3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 01	1508	6P	6P	REV. R CAREY	2 3 5 7
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		6P	JONATHAN WARKJER	3
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 35	1877	MID	MID	U S WEATHER BUREAU	2 3 5 7
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1471	8P	8P	O. M. SANDERSON	2 3 5 7
WILTON R R STATION	9455	MC LEAN	8	47 09	100 48	2159	8A	8A	SOO LINE AGENT	2 3 5
WISHEK	9515	MC INTOSH	8	46 16	99 34	2010	5P	5P	CARL EISSINGER	2 3 5
WOODWORTH 5 E	9575	STUTSMAN	5	47 09	99 12	-		6P	JOHN ROHRER	3
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		6P	OLA SEVERTSEN	3

NEW STATIONS

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time Temp.	Observation time Precip.	Observer	Refer to tables
NEWTOWN	6383	MOUNTRAIL	8	47 59	102 29	1905	6P	6P	ERWIN A. VENTSCH	2 3 5

NEWTON RECORD WILL BE A CONTINUATION OF THE SANISH RECORD

‡DRAINAGE CODE: 1. CANNONBALL 2 DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED 11. SHEYENNE 12. SOURIS 13. YELLOWSTONE

REFERENCE NOTES

The four digit identification numbers in the index number column of tbe Station Index are assigned on a state basis. There will be no duplication of numbers witbin a state.

Figures and letters following tbe station name, such as 12 SSW, indicate distance in miles and direction from tbe post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and beating degree days for the preceding 12 months will be carried in the June issue of tbis bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in tbis issue.

Unless otherwise indicated, dimensional units used in tbis bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

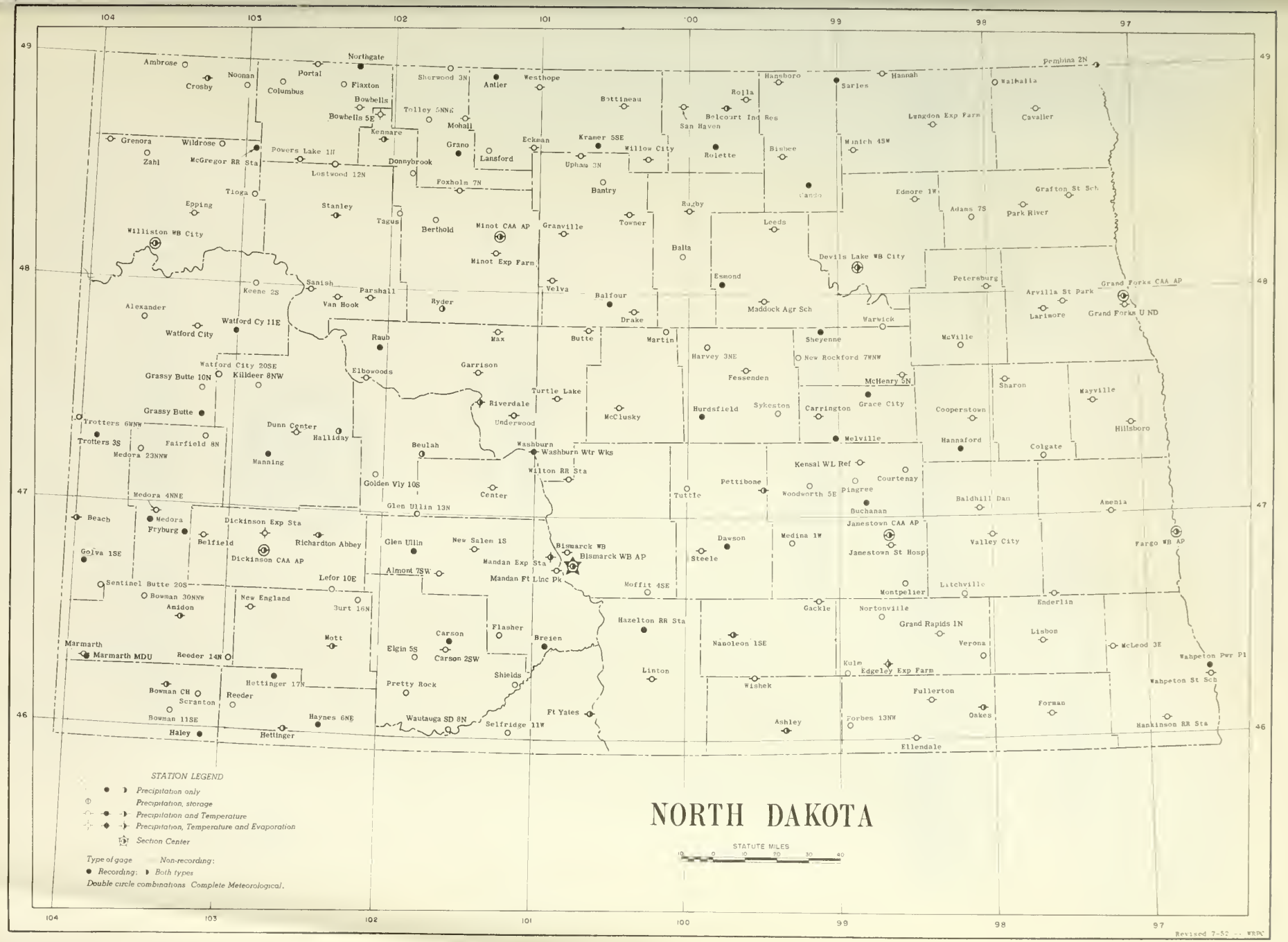
Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

~	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	This entry in time of observation column in Station Index means observation made near sunset.

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WRPC, Kansas City, Mo. -- 12-2-52 -- 1050


NORTH DAKOTA
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Section Center
Type of gage Non-recording:
Recording: Both types
Double circle combinations Complete Meteorological.
STATUTE MILES
Revised 7-52 -- WRPC
Northgate
Ambrose
Noonan
Portal
Crosby
Columbus
Flaxton
Sherwood 3N
Antler
Westhope
Bowbells
Bowbells 5E
Tolley 5NNE
Mohall
Kenmare
Grenora
Wildrose
Zahl
Powers Lake 1H
McGregor RR Sta
Donnybrook
Lostwood 12N
Grano
Lansford
Eckman
Kramer 5SE
Willow City
Uphan 3N
Bantry
Foxholm 7N
Bottineau
Rolla
Belcourt Ind Res
San Haven
Rolette
Bisbee
Minich 45W
Hansboro
Sarles
Hannah
Pembina 2N
Walhalla
Lungdon Exp Farm
Cavalier
Edmore 1W
Grafton St Sch
Adams 7S
Park River
Tioga
Epping
Stanley
Tagus
Berthold
Minot CAA AP
Minot Exp Farm
Granville
Towner
Ruby
Leeds
Williston WB City
Balta
Devils Lake WB City
Esmond
Peterburg
Arvilla St Park
Grand Forks CAA AP
Grand Forks U ND
Larimore
Maddock Agr Sch
Warwick
Sanish
Keene 2S
Parshall
Van Hook
Velva
Balfour
Drake
Alexander
Watford City
Watford Cy 11E
Watford City 20SE
Killdeer 8NW
Raub
Max
Butte
Martin
Sheyenne
McVille
Harvey 3NE
New Rockford 7WNW
Grassy Butte 10N
Elbowoods
Garrison
Fessenden
McHenry 5N
Sharon
Mayville
Grassy Butte
Trotters 6WNW
Trotters 3S
Fairfield 8N
Medora 23NNW
Dunn Center
Halliday
Riverdale
Turtle Lake
Underwood
McClusky
Hurdsfield
Sykeston
Carrington
Grace City
Cooperstown
Hillsboro
Melville
Hannaford
Colgate
Beulah
Washburn
Washburn Wtr Wks
Manning
Wilton RR Sta
Golden Vly 10S
Center
Kensal WL Ref
Courtenay
Pingree
Pettibone
Woodworth 5E
Tuttle
Buchanan
Baldhill Dam
Amenia
Medora 4NNE
Glen Ullin 13N
Beach
Medora
Fryburg
Dickinson Exp Sta
Belfield
Richardton Abbey
Dickinson CAA AP
Golva 1SE
Glen Ullin
New Salem 1S
Biswarck WB
Bismarck WB AP
Mandan Exp Sta
Mandan Ft Linc Pk
Almont 7SW
Lefor 10E
Sentinel Butte 20S
Bowman 30NNW
Amidon
New England
Burt 16N
Steele
Dawson
Medina 1W
Jamestown CAA AP
Jamestown St Hosp
Valley City
Fargo WB AP
Moffit 4SE
Montpelier
Litchville
Gackle
Nortonville
Enderlin
Hazelton RR Sta
Grand Rapids 1N
Lisbon
Nanoleon 1SE
Verona
McLeod 3E
Wahpeton Pwr Pl
Wahpeton St Sch
Marmarth
Marmarth MDU
Reeder 14N
Mott
Carson
Elgin 5S
Carson 2SW
Flasher
Breien
Kulm
Edgeley Exp Farm
Linton
Shields
Hettinger 17N
Bowman CH
Scranton
Reeder
Pretty Rock
Wishek
Fullerton
Oakes
Forman
Bowman 11SE
Haynes 6NE
Wautauga SD 8N
Selfridge 11W
Ft Yates
Ashley
Forbes 13NW
Hankinson RR Sta
Haley
Hettinger
Ellendale
104
103
102
101
100
99
98
97
49
48
47
46

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CLIMATOLOGICAL DATA

NORTH DAKOTA

1953

NOVEMBER 1952
Volume LXI No. 11

NAT. HIST.

See note concerning "Hourly Precipitation Data" on page 142 of this issue.

KANSAS CITY: 1953

NORTH DAKOTA - NOVEMBER 1952

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

November was a warm month. It was dry in all sections except in the extreme eastern counties where many stations received from one to two inches of precipitation on the 17th and 18th. This moisture improved soil conditions considerably in those sections, but in the central and western sections soil moisture continues poor. A few stations in the western section had no measurable precipitation during the month.

The mean temperature for the state was 30.3 degrees which is 2.9 degrees above normal. The eastern division averaged 30.6 degrees which is 3.8 degrees above normal; the middle division averaged 30.2 degrees which is 3.5 degrees above normal; and the western division averaged 30.0 degrees which is 1.4 degrees above normal. The highest temperature recorded during the month was 71 degrees at Ellendale, Fort Yates and Linton. Temperatures were considerably above normal at all stations during the first three weeks of the month. Most stations reported sub-zero temperatures during the last week. Medora reported the lowest temperature with 18 degrees below zero on the 28th. The mean temperature ranged from 34.5 degrees at Wahpeton to 27.2 degrees at Belcourt.

The average precipitation for the state was 0.47 inch which is 0.14 inch below normal and 0.19 inch more than was received in November 1951. The eastern division averaged 1.04 inches which is 0.32 inch above normal; the middle division averaged 0.19 inch which is 0.40 inch below normal; and the western division averaged 0.18 inch which is 0.34 inch below normal. In the eastern division there were only a few stations in the northern portion that had precipitation amounts below normal. Only a few widely scattered stations in the central and western divisions reported above-normal precipitation. The greatest monthly total precipitation was 2.18 inches at Hillsboro and Valley City and the least was none at Haynes in the southwestern part of the state. Snowfall for the month averaged below normal, especially in the central and western sections, and only a few stations had measurable amounts of snow on the ground at the end of the month. The greatest snowfall was 8.5 inches at Fullerton in the southeastern part of the state while no snow fell at five stations in the northwestern part of the state.

November was another ideal month for outdoor work. In other respects the month was somewhat unfavorable. The extremely dry weather continued to deplete soil moisture in most areas of the state. Fall grazing of livestock was possible throughout much of the month although in most sections supplemental feeding was required rather early in the month. However, livestock remained in good condition throughout the month. It was also marked by almost complet lack of severe storms. Sleet and freezing rain in the southeastern counties on the night of the 17th and 18th did considerable damage, especially to communication and power lines. REA power lines were out of service in some areas for several hours and the telephone company reported 150 long distance circuits out of service. From one to nearly two inches of precipitation fell at many stations in this storm. It consisted of rain, freezing rain, and heavy wet snow.--FJB

ANNOUNCEMENT

Hourly precipitation data were published in Climatological Data through September 1951, at which time it was necessary to discontinue publication of hourly amounts, because of withdrawal of fiscal support.

Recent developments make possible the resumption of publication of these data in a new bulletin entitled "Hourly Precipitation Data". There will be one bulletin for each of the 42 climatological sections in the United States and one for Alaska. (Climatological sections correspond to States except that the six New England States comprise a single section and Maryland and Delaware comprise another.)

"Hourly Precipitation Data" will be issued monthly, with an annual summary issue The first month to be published will be October 1951, and publications thereafter will be as rapid and as regular as funds permit. The price will be 10 cents per copy; $1.00 per year (including the annual). Checks and money orders for subscriptions should be made payable to the "Treasurer of the United States". Remittances and correspondence should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	01–09	10–49	50–99	1.00–1.99	2.00 and over	Total		
Bismarck WB Airport	WNW	18	10.7	52	NW	18	72	79	57	81	8	3	1	0	0	0	12	47	8.8
Devile Lake WB City	-	-	9.8	32	NW	5	-	-	-	-	7	4	1	0	0	0	12	55	8.1
Fargo WB Airport	NNW	17	14.1	42	N	26	72	76	61	65	8	1	1	0	1	0	11	60	6.0
Willieton WB City	-	-	7.3	31	W	4	78	82	64	65	13	0	1	0	0	0	14	42	7.8

COMPARATIVE DATA

Table I

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1892	22.3	75	-26	0.79	7.4	4
1893	22.4	74	-27	0.57	4.6	3
1894	23.1	71	-25	0.47	2.6	4
1895	20.6	76	-25	1.09	8.2	5
1896	8.1	62	-32	2.23	21.7	9
1897	20.0	86	-28	0.32	2.8	3
1898	23.0	59	-30	0.34	3.1	3
1899	36.0	68	2	0.31	1.0	2
1900	20.4	64	-29	0.32	5.2	5
1901	26.8	70	- 7	0.13	1.6	1
1902	29.6	69	-12	0.24	1.9	3
1903	25.3	78	-20	0.26	2.5	2
1904	35.7	80	-10	0.09	0.7	1
1905	31.6	88	-38	1.36	11.0	9
1906	23.8	68	-16	1.49	10.2	7
1907	30.2	85	-15	0.08	0.7	1
1908	31.1	75	-15	0.94	8.2	4
1909	29.4	88	-23	0.48	4.6	3
1910	23.9	68	-23	0.40	3.2	2
1911	16.7	58	-33	0.64	7.1	6
1912	31.8	70	1	0.07	0.5	1
1913	34.1	77	- 2	0.22	1.6	2
1914	30.7	83	-30	0.33	2.6	2
1915	28.1	71	-10	0.95	3.7	4
1916	28.8	75	-18	0.27	1.7	2
1917	36.8	77	- 7	0.13	1.4	1
1918	28.9	71	-18	0.96	5.3	4
1919	15.6	57	-36	1.15	11.8	5
1920	28.0	65	-14	0.34	2.1	3
1921	21.0	69	-30	0.69	6.3	5
1922	31.8	65	- 8	2.24	6.3	6
1923	36.5	72	- 5	0.47	0.6	3
1924	27.6	69	-15	0.18	1.9	2
1925	28.8	69	-17	0.24	1.3	2
1926	21.5	68	-23	0.62	6.2	5
1927	20.7	59	-24	0.69	7.1	6
1928	31.0	70	-11	0.48	0.2	1
1929	24.8	70	-21	0.53	5.2	5
1930	29.4	72	-21	0.87	6.2	5
1931	30.3	78	-10	0.55	5.0	3
1932	25.2	70	-17	0.51	4.6	4
1933	28.3	78	-15	0.65	6.6	5
1934	33.9	73	- 1	0.28	1.0	3
1935	17.2	57	-25	0.73	8.1	6
1936	28.0	69	-28	0.34	4.0	4
1937	25.2	73	-25	0.41	3.5	4
1938	23.8	75	-21	0.87	7.9	6
1939	34.9	74	- 4	0.03	T	1
1940	22.0	59	-28	0.59	7.1	6
1941	30.5	69	-17	0.40	3.6	5
1942	28.0	73	-14	0.18	1.5	3
1943	28.7	63	- 4	0.44	4.2	4
1944	27.1	70	-21	2.25	8.8	9
1945	22.3	75	-26	0.48	5.3	4
1946	25.3	68	-22	0.35	3.3	4
1947	22.5	63	-19	1.05	11.1	9
1948	29.4	68	-19	1.11	3.9	8
1949	37.1	75	-13	0.30	2.2	4
1950	21.6	70	-23	0.49	5.8	5
1951	21.8	59	-24	0.28	3.6	4
1952	30.3	71	-18	0.47	0.9	3

Averages for the period 1948 to date have heen weighted according to area and are not comparable with unweighted values puhlished in this tahle for earlier years.

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

NORTH DAKOTA
NOVEMBER 1952

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet, Hail			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or More	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
EASTERN DIVISION																								
AMENIA		42.8	21.6	32.2	5.2	64	4	- 2	28	977	0	7	28	1	1.68	1.00	1.02	18	2.0	T	18	3	1	1
ARVILLA STATE PARK		40.9	20.1	30.5		61	4	- 4	28	1025	0	8	26	2	1.44		1.17	18	1.0			4	1	1
BALDHILL DAM																								
CARRINGTON		43 0	16.6	29.8M	2.5	66	1+	-10	27+		0		29	2	.27	- .28	.25	19	.5			2	0	0
CAVALIER		40.9	20.9	30.9	6.2	61	4	- 7	28	1018	0	8	27	1	.26	- .48	.25	18	T	T	8+	2	0	0
COOPERSTOWN		42.8	19.5	31.2	3.9	16	4	- 5	28	1007	0	8	26	2	1.60	.96	1.50	18	2.0			2	1	1
DEVILS LAKE WB CITY	R	38.7	20.3	29.5	5.0	62	4	- 8	27	1056	0	9	26	3	.20	- .52	.11	1	1.1	1	8	5	0	0
EDGELEY EXP FARM		42.3	18.8	30.6M	1.3	64	13	- 1	27		0		29	1	.79	.27	.79	18	6.0	6	18	1	1	0
EDMORE 1 W		40.7	14.4	27.6	3.0	62	4	-15	27	1115	0	7	29	4	.17	- .45	.15	2		1	24+	2	0	0
ELLENDALE		44.3	21.8	33.1	4.7	71	4	- 1	28	953	0	5	29	1	1.75	1.19	.91	17	2.0	1	18	2	2	0
ENDERLIN		42.8	18.8	30.8		67	5	- 2	28+		0	6	29	2	1.74		1.72	18	T	0		2	1	1
FARGO WB AP	R //	41.2	20.4	30.8	3.7	63	4	- 1	28	1020	0	9	29	2	1.67	.77	1.25	17	.8	T	8+	3	1	1
FORMAN		44.0	21.0	32.5M	3.9	65	4+	- 2	28	966	0	7	26	1	1.77	1.20	1.19	18	6.0	6	18	2	2	1
FULLERTON		43.0	20.7	31.9	2.9	70	4	- 2	28	989	0	7	28	2	1.88	1.17	1.12	18	8.5			2	2	1
GACKLE		43.7	19.4	31.6M	4.2	65	4	- 5	28	979	0		28	2	.32	- .22	.30	18	1.5	1	18	2	0	0
GRAFTON STATE SCHOOL		40.5	17.3	28.9	3.9	60	4	- 7	29	1076	0	9	27	3	.80	.11	.75	18	1.5	1	9+	3	1	0
GRAND FORKS CAA AP		39.1	19.6	29.4	3.6	60	4	- 1	28	1060	0	10	28	2	1.23	.44	.62	17	1.0	1	18	3	2	0
GRAND FORKS UNIV		40.0	22.3	31.2	5.4	60	4+	- 1	28	1010	0	10	26	1	1.55	.76	1.05	18	1.5			3	1	1
GRAND RAPIDS 1 N		43.6	19.3	31.5		70	4	- 4	28	999	0	6	27	2	1.82		.98	18	4.0	4	18	2	2	0
HANKINSON R R STA		44.8	20.0	32.4M	3.5	67	1+	- 2	28		0	6		2	1.56	.91	1.50	18	T	0		2	1	1
HANNAH		38.2	16.7	27.5	6.8	60	4	-12	28	1120	0	9	29	2	.15	- .54	.06	18	.7	T	8+	3	0	0
HILLSBORO		42.2	22.4	32.3	5.0	62	4	- 2	28	975	0	8	27	1	2.18	1.42	1.33	18	T	0		4	1	1
JAMESTOWN CAA AP		41.0	19.1	30.1	2.8	66	4	- 6	28	1040	0	8	28	2	.87	.20	.35	17	4.2	1	18	3	0	0
JAMESTOWN STATE HOSP		41.2	21.0	31.1	3.8	67	4	- 3	28	1008	0	9	26	2	.85	.18	.40	18				3	0	0
KENSAL WILDLIFE REF		41.1	16.6	28.9M		66	4	-10	27+	1074	0	7		3	.18		.18	1	T	T	25	1	0	0
LANGDON EXP FARM		39.7	15.5	27.6	3.9	59	4	-13	28	1116	0	9	29	3	.15	- .58	.06	8	1.0	T	24+	6	0	0
LARIMORE		40.4	22.1	31.3M	5.5	62	4	- 3	28	1000	0	9	25	1	1.66	.84	1.47	18	.9	1	18	5	1	1
LISBON		40.2	21.1	30.7M	1.9	62	4			1015	0	9	27	1	1.25	.62	1.20	18				2	1	1
MAYVILLE		40.9	22.0	31.5	3.7	61	4	2	28	1001	0	10	27	0	1.59	.88	.99	18	.4	T	8+	5	1	0
MC HENRY 5 N		40.0	17.4	28.7	2.1	64	4	-12	28	1082	0	9	29	2	.11	- .43	.08	2	T	T	18+	2	0	0
MC LEOD 3 E		43.6	18.3	31.0M	1.3	65	12	- 4	28	1025	0	6		1	1.30	.67	.64	18	6.4			3	2	0
MUNICH 4 SW		38.9	17.0	28.0M		59	4	- 3	27	1109	0	10	29	2	.07	.03	.03	16+	T	T	8+	3	0	0
OAKES		43.3	17.9	30.6	2.0	69	5	- 2	28		0	7	30	2	1.14	.58	1.14	18		1	18	1	1	1
PARK RIVER		41.6	21.5	31.6	4.6	61	4	- 1	27	995	0	9	23	1	.26	- .37	.26	18	T	0		1	0	0
PEMBINA 2 N		41.8	17.0	29.4M	6.0	6	4+	- 5	28	1074	0	8		2	.47	- .28	.44	18	T	0		2	0	0
PETERSBURG		42.1	17.8	30.0M		64	5	- 6	28	1063	0	9		2	.25	- .39	.22	2	.5	1	18+	2	0	0
SHARON		40.0	20.2	30.1	5.4	60	4	- 4	27	1037	0	8	26	2	1.43	.71	1.25	18	2.5	2	18+	3	1	1
VALLEY CITY		42.9	22.2	32.6	4.6	66	4	- 2	28	965	0	8	26	2	2.18	1.50	1.55	18	2.0	0		4	1	1
WAHPETON STATE SCHOOL		46.3	22.6	34.5	5.5	67	4	- 2	28	910	0	6	25	1	1.11	.42	.83	18	T	0		4	1	0
DIVISION				30.6	3.8										1.04	.32			1.7					
MIDDLE DIVISION																								
ASHLEY		42.6	17.9	30.3M	2.3	69	4	- 4	27+	1038	0	7		2	.42	- .13	.34	17	3.5	4	17+	3		0
BELCOURT INDIAN RES		38.0	16 4	27.2		63	4	- 7	27	1126	0	10	30	4	33		.28	16	1.0	1	18+	2	0	0
BISBEE		38.8	18 7	28.8	2.4	61	4	- 6	28	1081	0	9	29	2	.24	- .23	.24	16	T	T	18+	1	0	0
BISMARCK WB CITY		44.1	21 0	32.6	4.1	68	5	- 2	27		0	5	25	1	.10	- .38	07	16	T	T	9+	4	0	0
BISMARCK WB AP	R	42.6	18 1	30.4	3.9	70	4	- 7	28	1031	0	6	27	2	.13	- .44	.10	16	.4	T	24+	4	0	0
BOTTINEAU		39 4	15.1	27.3	3.7	62	5	-10	27		0	8	29	2	.22	- .25	.08	16	.4	T	8+	5	0	0
BUTTE		40.9	18 6	29.8	3.3	65	5	- 5	27		0	7		2	.19	- .41	.17	15	.2	T	7+	2	0	0
CARSON NO. 2		43.7	18.2	31 0M	1.2	68	5	- 2	28		0	4	28	2	.06	- .51	.02	16+		T	24+	3	0	0
CENTER		43.4	17.3	30.4	1.9	67	4	- 9	28	1031	0	6	28	4	.23	- .28	.07	16		T	24+	5	0	0
DRAKE		41.0	20.4	30.7	4.8	65	5	- 5	27		0	7	26	2	.41	- .13	.41	16	.0	0		1	0	0
ECKMAN		40.2	16.0	28.1M	2.7	65	5	- 7	27		0	7		3	.33	- .16	.18	17	T	T	9+	2	0	0
FESSENDEN		44.7	18.3	31.5M	4.9	66	4	-10	27+	960	0	8	28	2	.16	- .44	.09	2		T	19+	5	0	0
FORT YATES		46.6	20.1	33.4M	3.4	71	4	- 2	27+	935	0	5	26	2	T	- .45	T	24	T	0		0	0	0
FOXHOLM 7 N		42.6	20.3	31.5M	5.9	65	4	- 4	28	992	0	8	27	2	.23	- .45	.20	16	T	T	8+	3	0	0
GARRISON		41.0	19.5	30.3	3.8	66	4	- 4	27	1035	0	7	29	2	.04	- .45	.04	16	T	0		1	0	0
GRANVILLE		42.4	20.3	31.4	5.0	66	4	- 6	27	1002	0	6	26	2	.34	- .20	.33	16	T	T	25+	2	0	0
HANSBORO		38.5	19.2	28.9M	5.4	62	4	- 7	27	1081	0	10	29	2	.15	- .39	.15	16	.3	T	17+	1	0	0
LEEDS		40.3	18.4	29.4M		63	4	- 9	27	1083	0	9		2	.10		.04	2+	.4	0		3	0	0
LINTON		44.9	17.3	31.1M	2.3	71	4	-10	27	1009	0	7	26	2	T	- .45	T	1+	T	T	24+	0	0	0
MADDOCK AGRO SCHOOL		40.9	18.0	29.5	3.3	63	4	-11	27	1062	0	10	28	2	.11	- .40	.04	2+	T	T	24+	3	0	0
MANDAN EXP STATION		42.7	19.7	31.2	2.3	69	5	- 4	28		0	6	26	2	.17	- .35	.10	16	.3	T	24+	4	0	0
MANDAN FT LINCOLN PARK		44.8	20.9	32.9		68	3+	- 5	27	959	0	5	24	2	.15		.13	16	.2	T	17+	3	0	0
MAX		40.1	17.5	28.8	3.1	67	5	- 5	28		0	7	29	2	.29	- .21	.12	16	.6	T	8+	5	0	0
MC CLUSKY		38.1	20.5	29.3	3.7	61	4	- 5	27	1062	0	10	28	2	.18	- .37	.17	16	T	0		2	0	0
MINOT CAA AP		39 2	21.7	30.5	2.4	65	4	- 2	27	1030	0	8	26	1	.27	- .39	.19	16	.7	T	8+	5	0	0
MINOT EXP FARM		40.3	21.6	31.0		66	4	- 5	27	1011	0	8	26	1	.31		.24	16	T	T	24+	4	0	0
MOHALL		40.1	18.9	29.5	4.5	66	4	-11	27	1066	0	9	30	3	.19	- .35	.17	16	.1	T	16+	3	0	0
NAPOLEON 1 SE		42.2	18.3	30.3	3.5	67	4	- 7	28	1035	0	7	28	3	.04	- .54	.03	16	T	T	26+	2	0	0
NEW SALEM 1 S		41.9	19.3	30.6	1.0	67	4	- 1	28	1026	0	6	28	2	.31	- .17	.25	16	.5	T	24+	4	0	0
PETTIBONE		40.8	19.9	30.4	4.3	66	4	- 7	28	1032	0	8	28	2	.07	- .46	.04	2	T	T	25+	2	0	0
RIVERDALE		40.6	19.8	30.2		65	5	- 1	27+		0	9	28	2	.16		.14	16	T	T	8+	2	0	0
ROLLA		38.2	19.6	28.9M	5.7	62	4	- 6	27	1069	0	10	30	2	.38	- .17	.25	16	1.0	T	8+	3	0	0
RUGBY		41.3	20.2	30.8		62	4	- 6	27	1022	0	7	28	2	.15	- .37	.09	16		0		3	0	0
SAN HAVEN		33.3	19.7	29.5	5.4	63	4	- 8	27	1057	0	10	27	2	.28	- .22	.18	16	.7	1	25+	5	0	0
STEELE		43.1	18.4	30.8	4.3	68	4	- 7	27	1021	0	7	28	2	.08	- .39	.08	1	T	T	25+	1	0	0

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

TABLE 2 - CONTINUED

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet, Hail			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
TOWNER	41.5	19.5	30.5M	5.1	66	4	- 8	27	1018	0	6	29	2	.28	- .25	.28	16	.0	0		1	0	0
TURTLE LAKE							- 6	27		0			2	.21	- .21	.16	16	T	0		4	0	0
UNDERWOOD	40.7	18.2	29.5	1.2	65	5	- 5	27		0	9	28	3	.19	- .26	.13	16	2.3	1	16+	5	0	0
UPHAM 3 N	41.8	18.2	30.0		66	4	- 7	27	1043	0	8	29	2	.42		.31	16	1.0	1	25	3	0	0
VELVA	41.1	21.1	31.1	3.7	66	4	- 4	27	1011	0	5	25	2	.13	- .51	.12	16	T	T	25+	2	0	0
WASHBURN	43.4	19.6	31.5M	2.1	68	4	- 6	27	999	0	7	26	2	.11	- .33	.06	16	T	0		3	0	0
WESTHOPE	39.0	17.2	28.1	3.0	65	4	- 8	27	1102	0	8	30	2	.26	- .29	.26	16	T	0		1	0	0
WILLOW CITY	40.1	16.2	28.2	5.5	63	4	-12	28	1098	0	8	29	3	.17	- .39	.13	16	T	T	25	2	0	0
WILTON R R STATION	40.8	18.6	29.7	2.4	65	5	- 3	28+		0	7	28	3	.05	- .43	.03	1	T	0		3	0	0
WISHEK	43.7	19.4	31.6M	3.2	67	4	- 8	28	995	0	6	27	2	.13	- .32	.09	17	T	0		2	0	0
DIVISION			30.2	3.5										.19	- .40			.3					
WESTERN DIVISION																							
ALMONT 7 SW	43.4	21.7	32.6		67	4	- 1	27	967	0	5	26	2	.17		.10	16	1.1	T	8+	5	0	0
AMIDON	41.6	20.6	31.1	.5	66	5	- 4	27		0	5	27	1	.20	- .21	.05	1+	1.5	2	26+	5	0	0
BEACH	41.1	18.6	29.9	- .8	67	5	- 3	27+		0	6	27	2	.47	.01	.17	2	3.1	3	25+	7	0	0
BELFIELD	41.6	17.2	29.4	.0	68	4	- 7	28	1060	0	6	27	3	.56	.08	.12	2				9	0	0
BOWBELLS	39.4	17.3	28.4M	2.2	64	5	- 7	28		0	9	30	3	.15	- .31	.09	17	1.2	T	8+	6	0	0
BOWMAN COURT HOUSE	45.2	17.8	31.5	1.0	68	4	- 5	27	998	0	5	29	2	.06	- .32	.03	25		1	24+	3	0	0
CROSBY	39.5	19.2	29.4M	2.9	63	4	- 3	28	1061	0	8	30	1	.07	- .49	.02	16+	T	T	8+	4	0	0
DICKINSON CAA AP	41.0	18.2	29.6	1.4	67	4	- 3	27	1055	0	6	29	2	.19	- .29	.05	1	1.1	1	25+	6	0	0
DICKINSON EXP STA	42.6	16.1	29.4	1.2	68	5	- 8	27		0	6	27	5	.26	- .22	.09	16	.7	1	24+	5	0	0
DUNN CENTER	42.8	15.5	29.2	1.3	69	5	- 2	28		0	6	29	2	.34	- .10	.20	16	1.4	1	16+	3	0	0
ELBOWOODS	42.7	18.4	30.6M	2.2	68	4	- 6	27	1037	0	8	27	2	.04	- .36	.04	16	T	0		1	0	0
EPPING	41.2	19.4	30.3	4.0	68	4	- 2	28	1033	0	7	28	1	.04	- .39	.04	16	.0	0		1	0	0
GRENORA	42.4	19.9	31.2	5.1	65	4	0	28	1009	0	6	28	1	.10	- .45	.10	16	.3	0		1	0	0
HETTINGER	42.3	19.6	31.0	- .4	68	4	- 3	27	1016	0	7	29	3	T	- .40	T	25	T	T	25+	0	0	0
KENMARE	39.8	18.9	29.4	3.1	65	5	- 3	27+		0	9	30	2	.15	- .39	.07	17	.0	0		3	0	0
LOSTWOOD 12 N	38.5	17.1	27.8		63	4	- 4	27	1110	0	10	29	2	.09		.09	16	.7	1	16	1	0	0
MARMARTH	43.0	17.0	30.0M	- .9			- 9	27	1029	0				.04	- .33	.02	1	.4	T	24+	3	0	0
MEDORA 4 NNE	43.9	15.9	29.9		68	4	-18	28	1045	0	6	24	5	.43		.28	1	2.5	2	25+	4	0	0
MOTT	44.7	15.6	30.2	.9	67	4	- 8	28	1037	0	5	26	4	.02	- .44	.02	25	.5	1	25+	1	0	0
NEW ENGLAND	42.9	16.7	29.8	.4	66	4	- 9	28	1048	0	6	29	5	.17	- .28	.10	1	1.0			3	0	0
NEWTON	40.7	19.7	30.2M	2.2	67	4	3	27+	1037	0	7	28	0	.23	- .30	.12	16	T	T	23+	2	0	0
PARSHALL	41.2	16.6	28.9	3.4	66	4	- 6	27+	1073	0	7	30	2	.23	- .16	.16	16	T	T	23+	2	0	0
PORTAL	39.2	18.3	28.8	3.8	63	T	- 9	27		0	8	30	3	.08	- .44	.04	16	T	T	8+	3	0	0
POWERS LAKE 1 N	38.8	18.1	28.5	3.1	65	4	- 3	26	1093	0	9	30	2	.16	- .33	.16	16	T	0		1	0	0
RICHAROTON ABBEY	43.4	20.7	32.1	3.4	67	4	- 2	28	981	0	5	26	1	.14	- .38	.06	16	1.0	1	25+	4	0	0
STANLEY	38.6	16.6	27.6		64	4	- 3	28+	1115	0	8	30	3	.08	- .46	.08	16				1	0	0
WATFORD CITY	41.7	19.5	30.6	2.1	67	4	- 4	27	1024	0	7	28	1	.32	- .17	.18	1	.0	0		2	0	0
WILLISTON W8 CITY R //	40.9	21.9	31.4	4.2	67	4	2	27+	1000	0	7	25	0	.15	- .43	.15	16	1.6	T	16	1	0	0
DIVISION			30.0	1.4										.18	- .34			.7					
STATE			30.3	2.9										.47	- .14			.9					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
NOVEMBER 195

Station		Total	Day of month																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S		.32	T																	.05	.05					.11	.11				T	
ALEXANDER		.10	.09							T								.10						T	T	T						
ALMONT 7 SW		.17	.02	T						.02	T							.10		.01					.02	T	T	T				
AMBROSE		T								T							T	T	T				T					T				
AMENIA		1.68	.23							T								T	.43	1.07						T		T				
AMIDON		.20	.05	.05							T							T	T						.05	.02	.03	T		T		
AMIDON	R	.10	.10																					.05		.02	.02					
ANTLER	R	.25								.02								.21						.02								
ARVILLA STATE PARK		1.44		.14						T					T				.08	1.17	.05					T						
ASHLEY		.42	.04																.34	.04												
BALDHILL DAM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALTA		.45																.45		T												
BANTRY		.37								T								.37								T						
BEACH		.47	.11	.17						T	.02								.01						.05	.10	.01					
BEACH	R	.49	.31							.04								.01							.04	.07	.02					
BELCOURT INDIAN RES		.33								T								.28	T	.05						T	T					
BELCOURT INDIAN RES	R	.36																.30		.06												
BELFIELD		.56	.06	.12		T				T	T	T				.06		.08	T	.03					.05	.02	.06					
BERTHOLD		.20	T							.02					T		T	.15								.03						
BEULAH		.27	.09															.18							T							
BEULAH	R	.20	.03															.17														
BISBEE		.24																.24		T						T	T					
BISMARCK WB CITY		.10	.01								T							.07	T	T	T				.01	.01	T	T				
BISMARCK WB AIRPORT	R	.13	.01							T	T	T						.10	T	T					.01	T	.01	T		T		
BOTTINEAU		.22		.07						T								.08	.05	T	.01				T	.01						
BOWBELLS		.15								*	.03							T	.09	.0				*	.02							
BOWMAN COURT HOUSE		.06								T															.02	.03	.01					
BOWMAN 11 SE		.03	.01							T								T							.02	T						
BOWMAN 30 NNW		.30	.20																						*	.10						
BRELEN	R	.07	.07																													
BUCHANAN	R	.48	.30																.08	.10												
BURT 1A N		.13	.13							T								.10							T	T						
BUTTE		.10							T							.17		T								T	.02					
CANDO	R	.14	.04	.01			.05											.04														
CARRINGTON		.27		T							T										.25					T	.02					
CARSON	R	.04																.04														
CARSON NO 2		.08	T							T								.02	T	T					.02		.02			T		
CAVALIER		.28		T						T								T		.25					.01	T	T					
CENTER		.23	.04							T	.03							.07							.04		.05					
COLGATE		1.57	.30																.32	.95	T						T	T		T		
COLUMBUS		.25																.05						T	T							
COOPERSTOWN		1.60	.10	T						T										.50							T					
COURTENAY		.71							T										T	.71												
CROSBY		.07								T							T	.02					.01			.02		T	.02			
CROSBY	R	.07																.06					.02									
DEVILS LAKE WB CITY	R	.20	.11							.03	T							.02		.03	T	T			.01	T	T	T		T		
DICKINSON CAA		.19	.05	T						T								.02	T	.02				.04	.02	.04	T		T			
DICKINSON EXP STA		.26	T	.07						T	T							.09	T	.02					.04	.02	T					
DONNYBROOK		T																	T	T						T						
DRAKE		.41																.41														
DUNN CENTER		.36		.11						T	T							.20	.13	T						T	T					
ECKMAN		.43								T	T	T						.15	.18						T	T	T						
EDGELEY EXP FARM		.70																		.78								T				
EDMORE 1 W		.17		.15						T	T									T	T				.02	T	T					
ELLENDALE		.04	T								T	T					T	.04														
ELGIN 6 S		T	T							T		T	T					T	T	T					T	T	T			T		
ELLENDALE		.75	T								T								.91	.64						T	T	T				
EMBDEN		.74																		.72	.22											
ERBING		.04																.04														
ESMOND	R	.15	.02							.02								.11														
FAIRFIELD		.26	.14	T														T	.02					T		.10						
FARGO WB AIRPORT	R	.67	T	T						T	T							T	1.25	.34	.03					T	T	T		T		
FESSENDEN		.16		.09						T								.01		.01	.03					T						
FLASHER		.03	T																							.04	T					
FLAXTON		.08								T								.06	T	T					T	T						
FORBES 13 NW		1.01												T		T		T	.41	.36						T	.02					
FORMAN		1.77																	.58	1.19						T						
FORT YATES		T																							T							
FORT YATES	R	.05																	.05													
FOXHOLM 7 N		.23								.01								.20								T	.02			T		
FRYBURG	R	.21	.04							.02								.03							.01	.04	.0					
FULLERTON		.88																	.76	1.12							T					
GACKLE		.32								T	T								.02	.30						T						
GARRISON		.04	T							T								.04						T	T	T	T		T			
GLEN ULLIN 13 N		.03	T						T									T					T	.03							
GOLDEN VALLEY 10S		.51	.08		T					T								.33						.10		T	T					
GRACE CITY	R	.12	.02	.03																.04												.03
GRAFTON TATE SCHOOL		.80								T	.03				T			T		.75	.02					T	T	T	T			
GRAND FORKS CAA		1.23	.05	T			T	T		T	T								.62	.56	T					T	T	T	T			
GRAND FORKS UNIV		.55	.06							T	T								.44	1.05	T					T	T	T	T			
GRAND RAPIDS 1 N		1.82																	.84	.98							T					
GRANVILLE		.34	T							T								.33	.01							T			T			
GRASS BUTTE	R	.34	.20							.33								.11														
GRASSY BUTTE 10N		.21	.04															.02								.15						
GRENORA		.10																.10														
HALEY	R	.06																							.06							
HALLIDAY		T								T															T							
HALLIDAY	R	.23	.22															.21														
HANKINSON R R STA		1.56																		1.50	.06						T					
HANNAH		.15								.06								.04	T	.06	T					T	T					
HANSBORO		.15								T								.15	T							T	T					
HARVEY 3 NE		.29	T	.24						T						.06				T					T	T	T					
HAYNES 5 NE	R	.01																														
HETTINGER		T																								T						
HETTINGER 17 N	R	.05																								.02	.03					
HILLSBORO		2.19	.38							T	T								.45	1.33	.02						T		T			
JAMESTOWN CAA		.87	.25							T	T								.35	.27							T	T			T	
JAMESTOWN STATE HOSP		.86	.18																.27	.40							T	T				
KEENE 2		.30	.06	.06						.01								.27							T	T	T	T	T			
KENMARE		.15								.03								.06	.07													
KENMARE	R	.17								.02								.15														
KENSAL WILDLIFE REF		.18	.18																							T						
KILLDEER 8 NW		.17	T							.17																T						
KULM		1.07								T									.51	.56							T					
LANGDON EXP FARM		.15								.06	T					.01				.03	.02					.02	T	.01				
LANSFORD		.24	T							T								.24						T		T						
LARIMORE		1.66		.11						.03	T								T	1.47	.03	.23						T				
LEEDS		.10	.02	.04						T								.04	T						T	T						
LEFOR 10 E		.15	.05							T								T		.03				.06	.01							
LINTON		T	T									T								T					T	T		T				
LISBON		.24																	.05	1.20						T				T		
LITCHVILLE		.12	.08																.75	1.20	T					T	T					
LOSTWOOD 12 N		.09								T						T		.00	T	T				T	T	T	T		T			
MANDAN AGR SCHOOL		.11	T		.04					T								.04		.03	T					T	T					
MANDAN EXP STATION		.17		T							T							.10	.05	T					.01	T	.01	T				
MANDAN FT LINCOLN PARK	L	.15		T						T	T							.13	T	T						T	T	.01	E.01			
MANNING	R	.14																.14														
MARMARTH		.04	.02							T	.01							.01	T							T	T					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station		Total	Day of month																															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARMARTH M D U CO	R	.07																.02							.03		.02						
MARTIN		.14							T									.14								T	T						
MAX		.29		T						.02	.01							.12	.10	.04						T	T						
MAYVILLE		1.49	.13							.01	T								.45	.99	.01						T						
MC CLUSKY		.18																.17								.01							
MC HENRY 5 N		.11		.08						T	T									.03	T					T	T						
MC LEAN 1 E		1.30																	.60	.04	.06					T							
MC VILLE		.03		.07							T									.50	.03					T							
MEDINA 1 W		.32	.32																							T							
MEDORA	R	.31	.21																														
MEDORA 4 NNE		.43	.28	T														.03		T					.04	.08							
MEDORA 21 NNW		T	T	T																					T								
MELVILLE	R	.04																		•	.05					T							
MINOT CAA		.27	T							.03	T							.19		.01						T	.02		.02	T			
MINOT EXP FARM		.11	.03	T						.02	T							.24	T	T						T	.02		T				
MOFFIT 4 SE		.07	.07							T	T							T		T						T	T						
MOHALL		.19								.01							T	.1T	T	T						T	T						
MONTPELIER		.43	.07																	.55	.81				.01		T						
MOTT		.02																T		T						T	T						
MINICH 4 SW		.07								.01					T			.03	T	.03						T	.02	T					
NAPOLEON 1 SE		.04								T	T							.03		T	T					T	T						
NAPOLEON 1 SE	R	.04																.04								T	.01	T					
NEW ENGLAND		.17	.10															T															
NEW ROCKFORD 7 WNW		T																T	T	T					.02	.05	T						
NEW SALEM 1 S		.31	.02						T	T	T							.25		T					.03	T	.01	T					
NEWTOWN		.23	.11							T								.12		T				T	T	T		T					
NOONAN		.05									T							.05															
NORTHGATE	R	.11								.03								.0T						.01									
NORTONVILLE		1.27																	.55	.T2													
OAKES		1.14																		1.14	T						T	T					
PARK RIVER		.26																		.26						T	T						
PARSHALL		.23	.07							T								.16		T				T		T							
PEMBINA 2 N		.47								T								.03		.44	T				T			T					
PETERSBURG		.24		.22																.03						T	T						
PETTIBONE		.07		.04						T								.03		T						T							
PETTIBONE	R	.09		.04														.05															
PINGREE		.10	.10							T	T									T						T	T						
PORTAL		.08								T	T							.04	.03	T				.01	T	T	T						
POWERS LAKE 1 N		.16								T								.16		T					T								
PRETTY ROCK		.04		.03														T					T			.02	T	T		T			
REEDER		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
REEDER 14 N		T	T								T													T	T								
RICHARDTON ABBEY		.14	.01	T						T	T							.06		T					.05	.02	T						
RICHARDTON ABBEY	R	.19	.06															.08							.04	.01							
RIVERDALE		.16		T	T					.02	T							.14	T	T	T				T	T	T	T		T			
ROLLA		.38								.03								.25		.10					T	T	T						
RUGBY		.15	T							.04								.09		.02					T								
RYDER		.20								.05									.15					T	T								
RYDER	R	.13								.04								.08						.01									
SAN HAVEN		.26								T								.18	.02	.04	.01				T	.03	T						
SCRANTON		T	T							T											T				T		T	T					
SELFRIDGE 11 W		.08								T	T													T		.08	T						
SENTINEL BUTTE 20 S		.56	.34							T								T	T						.06	.16							
SHARON		1.43		T						T									.15	1.25						T	.03						
SHERWOOD 3 N		.20								.03						.01		.12	.01					.03									
SHEYENNE	R	.09	.07															.02															
SHIELDS		.04	.04																														
STANLEY		.08																.08															
STANLEY	R	.08																.08															
STEELE		.08	.08	T														T		T						T	T						
SYVERSTON		.10	.10																	T	T				T								
TAGUS		.08	T														T							T	T	T							
TIOGA		.07							T	T	T							.06	T							.02				T	T		
TOLLEY 5 NNE		.13								.01								.07	T						T	T							
TOWNER		.28																.10						T			.02		T				
TROTTERS 6 WNW		.27	.21	T							T							.28							T								
TURTLE LAKE		.21		.01						.02						T		.03						T	T	.03			T				
TUTTLE		.10	.02	T						T	T							.16	.02						T	T							
UNDERWOOD		.10								T								.08	T							T	T						
UPHAM 3 N		.42	.01							T	.01							.13	.02						.02		.01						
VALLEY CITY		2.18	.17								T							.31						T		.10							
VELVA		.13	T							.01									.45	1.55						.01							
VERONA		1.21																.12	T							T			T				
WAHPETON STATE SCHOOL		1.11																	.73	.48													
WALHALLA		T								T									.22	.83	.03					.03		T					
WARWICK		T	T																T	T					T		T						
WASHBURN		.11	.04							.01								.06		T					T	T				T			
WASHBURN WATER WKS	R	.13	.03															.10															
WATAUGA 8 N S DAK		T	T							T										T													
WATFORD CITY		.37	.18															.14						T		T	T	T					
WATFORD CITY 11 E	R	.60	.24							.05								.21															
WATFORD CITY 14 S		.26	.15							T								.10						T									
WESTHOPE		.26								T								.26						T		.01			T				
WILDROSE		.08		T						T						T		.08						T									
WILLISTON WB CITY	R	.15	T	T						T	T					T		.15		T				T	T	T	T	T	T	T			
WILLOW CITY		.17	.04							T								.13		T						T							
WILTON RR STATION		.05	.03	.01						T	T							.01	T	T					T		T						
WISHEK		.13																.04	.09	T							T						
WOODWORTH 5 E		.29	.29							T											T						T						
ZAHL		.08								T							T	.07		T				T	T	.01				T			

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

NORTH DAKOTA
NOVEMBER 1952

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	48	49	59	67	57	46	57	40	36	57	59	63	52	54	57	42	35	37	40	49	37	35	37	31	24	20	20	34	24	36		43.4
	MIN	37	25	20	47	31	20	21	26	25	20	21	33	32	21	35	32	32	31	20	30	20	13	11	14	14	11	- 1	0	5	5		21.7
AMENIA	MAX	50	44	53	64	55	48	56	42	32	55	45	63	58	54	47	56	51	39	38	43	41	36	33	33	28	22	14	30	25	29		42.8
	MIN	32	31	11	30	37	23	12	25	22	16	23	28	22	36	28	29	20	32	28	26	27	22	18	16	21	10	5	- 2	9	10		21.6
AMIDON	MAX	54	46	44	56	66	43	43	49	35	46	55	60	61	47	52	50	36	35	36	42	48	35	34	37	30	20	11	19	25	34		41.6
	MIN	37	21	26	35	34	15	24	27	19	22	28	31	25	22	28	32	31	31	21	22	18	11	9	18	15	7	- 4	1	10	3		20.6
ARVILLA STATE PARK	MAX	51	42	52	61	57	48	48	38	30	52	48	58	48	51	43	54	44	38	36	44	39	33	31	33	31	22	13	29	28	26		40.9
	MIN	36	28	10	32	36	22	11	26	19	15	18	30	23	36	23	35	27	31	26	23	25	14	15	12	20	8	0	- 4	6	1		20.1
ASHLEY	MAX			56	69	64		53	48		52	54	62	55	56	57	45	42	36	35	48	39	34	33	32	27	19	15	27	24	26		42.6
	MIN			21	28	32	15	11		24	15	16	29	22	25	32	34	28	30	19	22	20	13	10	11	18	8	- 4	- 4	3	4		17.9
BALDHILL DAM	MAX																																
	MIN																																
BEACH	MAX	56	49	45	54	67	44	44	54	33	40	51	57	60	48	52	51	36	37	38	42	46	37	34	35	26	20	13	17	24	24		41.1
	MIN	36	27	25	30	34	15	15	23	21	22	25	29	25	18	18	33	31	30	14	15	19	12	7	13	8	7	- 3	- 3	6	5		18.6
BELCOURT INDIAN RES	MAX	52	41	52	63	55	45	49	39	29	45	39	55	51	52	42	37	37	35	34	43	37	28	32	28	22	19	10	22	20	26		38.0
	MIN	31	19	11	21	31	10	5	24	19	20	11	25	21	28	29	32	31	30	23	20	17	9	0	18	17	4	- 7	- 5	4	- 5		16.4
BELFIELD	MAX	48	44	56	68	53	44	46	37	41	54	60	51	52	55	54	44	34	36	41	47	36	35	36	28	28	27	18	18	19	37		41.6
	MIN	26	22	22	33	33	14	17	25	18	19	30	26	22	14	31	33	31	29	10	25	28	5	3	5	4	2	- 2	- 7	- 4	2		17.2
BISBEE	MAX	53	44	53	61	54	45	48	36	31	48	41	53	50	53	44	41	40	36	33	43	37	30	33	27	23	21	10	25	24	26		38.8
	MIN	32	19	15	25	31	15	11	22	21	20	19	27	23	28	27	33	32	32	19	27	21	11	10	20	19	7	- 5	- 6	5	2		18.7
BISMARCK WB CITY	MAX	58	49	49	59	68	54	43	54	41	34	57	52	63	54	57	58	39	38	33	40	50	36	34	38	29	25	23	29	34	25		44.1
	MIN	38	28	23	29	34	19	15	26	27	22	22	23	27	27	31	35	33	33	21	21	24	10	5	7	20	14	- 2	5	5	7		21.0
BISMARCK WB AIRPORT	MAX	49	50	59	70	49	47	54	41	34	57	53	62	52	55	52	41	37	39	39	50	37	34	38	28	25	19	19	34	25	30		42.6
	MIN	35	25	18	26	26	15	9	29	17	16	18	27	24	24	30	35	34	30	19	22	16	8	2	15	19	6	- 6	- 7	5	6		18.1
BOTTINEAU	MAX	54	50	39	52	62	46	46	51	45	36	47	39	58	57	57	43	38	38	35	35	47	35	30	31	23	22	12	8	25	20		39.4
	MIN	22	19	8	22	25	10	10	20	20	19	15	16	22	27	31	33	32	32	11	11	15	10	9	12	8	5	-10	- 7	3	4		15.1
BOWBELLS	MAX	54	54	45	56	64	41	40	51	30	52	45	51	58	42	51	42	34	33	37	43	45	35	31	31	21	22	21	15	13	24		39.4
	MIN	28	23	19	30	30	12	15	19	16	23	19		25	17	20	13	30	30	18	18	21	15	11	20	17	18	0	- 7	- 4	6		17.3
BOWMAN COURT HOUSE	MAX	53	47	58	68	60	47	57	50	43	57	61	64	58	52	53	48	38	38	44	50	40	35	37	33	29	18	21	30	28	40		45.2
	MIN	37	20	17	30	31	12	15	25	20	17	27	22	25	18	28	28	30	30	9	25	18	10	5	8	13	6	- 5	- 1	11	2		17.8
BUTTE	MAX			56	56	65	44	45	51	34	34	54	49	59	49	50	53	38	38	36	36	48	38	32	38	26	22	15	10	28			40.9
	MIN			21	24	32	19	18	20	21	21	20	23	26	22	21	23	25	31	23	23	25	15	13	15	17	11	- 5	- 4	2			18.6
CARRINGTON	MAX	66	53	44	55	66		45	55	35	31	53	46	62	55	55	54	48	42	38	47	50	38		39	31	21	13	10	29	22		43.0
	MIN	35	24	21	24	31	16	16	19	21	19	16	15	24	23	23	22	21	32	20	17	20	14	3		18	4	-10	-10	2	2		16.6
CARSON NO 2	MAX	55	47		59	68	46	54	40	37	35	50	55	62	53	55	50	37	35	40	43	51	44	46	36	28	26	25	22	35	33		43.7
	MIN	36	21		31	32	12	20	25	24	27	30	32	32	18	20	22	30	13	15	18	15	10	12	10	12	10	0	- 2	1	3		18.2
CAVALIER	MAX	57	47	54	61	59	47	58	43	32	46	42	60	49	42	40	51	43	37	37	50	41	34	33	29	25	17	15	25	25	27		40.9
	MIN	37	29	13	29	36	23	10	25	23	18	23	28	25	28	22	32	32	32	27	26	29	13	17	18	13	8	6	- 7	7	1		20.9
CENTER	MAX	51	48	56	67	55	48	56	39	37	56	55	57	60	55	50	45	35	37	38	42	37	34	43	43	28	21	18	32	38	32		43.4
	MIN	29	26	18	26	34	18	7	28	26	17	15	18	20	20	24	35	29	32	19	20	20	17	- 2	10	18	9	- 7	- 9	- 1	2		17.3
COOPERSTOWN	MAX	55	46	53	61	58	57	51	50	40	55	50	60	55	51	46	48	42	38	35	45	45	34	32	31	30	21	11	29	28	28		42.8
	MIN	30	21	16	25	33	21	14	28	21	20	15	26	22	35	28	35	33	31	23	24	24	11	10	12	18	5	- 3	- 5	6	5		19.5
CROSBY	MAX	53	47	55	63	51	46	47	37	37	46	54	57	51	55	43	36	35	37	40		34	33	30	28	21	17	17	23	23	30		39.5
	MIN	28	28	20	28	29	16	15	27	21	20	18	25	26	17	20	31	30	30	13		21	20	13	19	11	3	4	- 3	10	7		19.2
DEVILS LAKE W B CITY	MAX	53	38	54	62	43	45	50	33	29	51	43	57	50	57	40	47	38	36	35	50	38	30	35	29	23	14	10	27	20	25		38.7
	MIN	36	23	20	31	33	18	16	26	21	26	19	31	25	29	29	36	33	31	21	25	22	15	12	19	12	0	- 8	0	5	3		20.3
DICKINSON CAA	MAX	47	44	57	67	46	44	54	35	39	55	60	61	49	53	53	36	35	36	43	48	37	34	36	27	20	12	19	26	21	37		41.0
	MIN	28	24	22	36	19	17	21	25	18	22	24	31	24	20	31	32	31	20	15	20	17	10	7	13	11	6	- 3	0	1	5		18.7
DICKINSON EXP STATION	MAX	57	48	45	58	68	47	45	52	36	40	56	62	62	51	55	54	38	37	37	42	49	36	36	35	29	22	14	20	25	27		42.6
	MIN	37	25	17	31	33	12	15	21	17	17	17	29	27	14	16	34	32	31	15	15	16	4	0	10	8	10	- 8	- 5	- 4	- 3		16.1
DRAKE	MAX	58	55	49	56	65	45	46	52	35	29	54	45	58	51	53	45	39	37	37	37	49	39	33	37	26	23	15	10	28	25		41.0
	MIN	35	24	22	27	34	16	18	20	25	23	19	23	28	23	23	32	33	33	22	21	24	18	13	27	18	10	- 5	0	7	9		20.4
DUNN CENTER	MAX	57	50	50	58	69	47	45	54	34	39	52	60	62	54	53	52	37	37	37	39	47	37	35	38	28	22	17	24	26	24		42.8
	MIN	33	24	17	27	28	11	5	17	18	16	14	23	17	12	12	32	31	30	17	17	18	11	1	5	17	12	1	- 2	0	1		15.5
ECKMAN	MAX	55	54	45	55	65	44	45	50	32	35	50	46	59	53	53	43	36	37	38	38	47	37	34	35	20	22	16	10	26	27		40.7
	MIN	29	21	15	20		15	8		20	22	13	15	18	19	20	31	31	32	19	19	23	18	11	16	15	6	- 7	- 5	0	4		16.0
EDGELEY EXP FARM	MAX	62	50	49	59	58	48	47	58	41	28	50	53	64	56	53	53	48	36		35	41	35	31	28	26	28	24	20	23	23		42.3
	MIN	33	29	22	27	24	17	15	17	26	15	20	20	26	28	27	26	28	32	22	21	23	21	10	9	9	8	- 1	3	5	7		18.8
EDMORE 1 W	MAX	54	49	53	62	42	46	49	41	30	51	46	58	51	55	46	48	49	37	35	50	41	33	33	39	20	17	11	25	23	26		40.7
	MIN	28	20	6	16	31	14	4	24	18	14	9	21	18	25	27	33	31	30	18	17	19	5	4	19	15	1	-15	-13	- 3	- 3		14.4
ELLENDALE	MAX	50	48	58	68	65	49	45	53	51	38	53	55	60	53	51	48	36	38	39	49	40	35	27	23	21	20	29	25	22	32		42.7
	MIN	33	25		20	21		15	11	28	23	17	15	38	14	26	40	32	23	17	24	25	21	3	18	9	- 3	- 6	6	14	7		18.4
ELLENDALE	MAX	54	50	58	71	56	48	53	42	37	56	53	66	60	54	56	52	40	37	42	48	40	34	37	33	28	22	16	28	24	33		44.3
	MIN	38	30	19	30	30	19	9	28	27	13	21	27	26	30	32	31	29	32	25	28	27	24	17	14	20	12	2	- 1	9	5		21.8
ENDERLIN	MAX	66	51	47	66	67	48	48	55	40	29	58	47	63	55	53	48	53	38	38	38	45	38	35	34	34	26	12	12	28	23		47.8
	MIN	33	30	12	12	27	24	12	13	24	16	19	22	20	22	28	28	22	30	28	28	27	22	12	19	19	9	1	- 2	- 2	9		18.8
EPPING	MAX	56	49	55	68	53	44	49	40	48	42	55	59	50	54	48	43	34	38	43	46	34	34	32	29	20	13	18	22	25	36		41.2
	MIN	35	20	23	31	27	10	18	25	20	19	16	26	30	20	35	32	29	30	11	29	14	20	12	19	10	4	4	- 2	8	7		19.4
FARGO WB AIRPORT	MAX	48	44	53	63	51	47	53	37	31	52	43	62	59	53	46	59	40	40	37	40	39	35	32	32	26	20	15	29	22	28		41.2
	MIN	32	20	15	25	33	21	16	22	18	18	18	32	25	28	27	32	24	32	26	25	26	19	16	20	18	8	0	- 1	8	10		20.4
FESSENDEN	MAX	54	45	55	66	57	46	53	38	32	53	46	62	53	59	45	45	40	37	39	51	49	35	34	32	24				25	30		44.7
	MIN	30	23	17	26	33	14	13	28	23	20	15	28	25	23	25	36	32	32	19	21	20	10	4	19	19	6	-10	-10	4	5		18.3
FORMAN	MAX	64	57	57	65	58	47	54	45	32	51	56	65	56	56	47	45	48	38	38	45	41	38	35	32	28	21	12	28	25	36		44.0
	MIN	34	20	13	27	37	20	13		20	14	19	28	24	35	29	33	25	32	27	25	26	23	17	16	21	10	1	- 2	8	15		21.0
FORT YATES	MAX	66	50	61	71	64	49	54	49	35	60	54	64	56	52	59	47	44	40	40	55	39	36	38	38		25	21	35	29	31		46.6
	MIN	36	28	24	32	31	20	15	33	27	19	16	24	25	25	29	35	31	33	19	24	22	8	7	7	10	15	- 2	- 2	7	4		20.1
FOXHOLM 7 N	MAX	53	49	55	65	58	45	52	43	46	49	53	57	54	57	50	46	36	44	38	47	38	32	35	30	28	23	18	25	25	28		42.6
	MIN	35	27	20	33	35	18	13	30	27	25	21	27	26	20	27	26	31	24	20	30	23	20	6		7	5	- 3	- 4	11	8		20.3

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 Continued

NORTH DAKOTA
NOVEMBER 1932

Station		Day Of Month																											Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FULLERTON	MAX	54	49	57	70	57	47	41	47	38	55	51	45	58	54	49	50	39	36	36	44	42	33	34	31	27	20	13	29	23	30		43.0
	MIN	34	26	17	34	41	30	9	24	24	13	18	29	23	28	27	30	27	31	24	25	25	21	14	14	19	9	-1	-2	8	5		20.7
GACKLE	MAX	47	47	55	65	57	45	55	47		54	57	61	52	55	47	45	42	40	39	51	41	34	33	36	27	18	13	22				43.7
	MIN	36	36	19	39	44	15	14	27		19	26	27	25	26	31	29	30	30	19	23	20	14	12	10	17	5	-4	-5	5	4		19.4
GARRISON	MAX	49	48	56	66	45	45	52	39	36	52	52	59	52	54	48	39	35	38	37	48	40	34	37	25	24	18	18	27	24	32		41.0
	MIN	30	24	23	30	22	17	16	26	23	26	19	30	30	22	31	33	31	24	18	26	17	16	8	16	17	3	-4	0	5	5		19.5
GRAFTON STATE SCHOOL	MAX	54	51	52	60	58	46	45	40	30	49	43	56	50	50	41	53	48	36	35	47	42	36	28	29	26	20	11	27	26	26		40.5
	MIN	34	27	5	21	36	15	7	24	19	15	15	23	21	31	19	33	26	28	25	23	23	12	15	14	13	4	4	-5	-7	0		17.3
GRAND FORKS CAA	MAX	49	41	49	60	49	47	47	39	30	53	41	59	48	52	44	55	42	36	35	41	37	31	29	31	27	19	12	26	19	27		39.1
	MIN	35	15	9	24	43	18	12	18	18	22	16	29	25	28	27	31	28	32	24	26	26	19	19	18	18	8	0	-1	6	6		19.6
GRAND FORKS UNIVERSITY	MAX	49	41	49	60	56	47	47	40	30	53	45	60	48	53	43	55	42	38	36	41	39	32	30	31	30	14	12	27	25	27		40.0
	MIN	44	26	13	26	38	21	14	22	18	21	18	30	26	38	28	39	30	32	28	24	27	20	18	19	23	10	6	-1	8	4		22.3
GRAND RAPIDS 1N	MAX	49	49	59	70	52	48	52	48	38	57	52	66	57	54	47	50	44	37	40	44	42	36	36	33	27	21	15	29	26	31		43.6
	MIN	33	27	11	25	33	20	10	25	18	14	18	24	18	29	27	34	29	29	25	24	22	18	11	16	20	9	-1	-4	9	6		19.3
GRANVILLE	MAX	56	47	57	66	57	47	54	39	37	54	46	61	53	56	46	40	36	38	38	49	38	34	40	29	25	26	12	28	25	37		42.4
	MIN	33	25	18	28	34	25	16	29	23	21	19	27	25	21	27	33	33	22	21	29	23	17	9	20	20	5	-6	-2	5	9		20.3
GRENORA	MAX	54	59	55	65	56	45	45	47	48	45	53	58	52	53	48	45	44	40	42	43	36	36	33	32	32	19	5	23	26	34		42.4
	MIN	34	25	24	36	27	14	15	17	27	13	18	29	30	19	28	32	30	30	13	28	16	20	18	20	14	1	1	0	12	6		19.9
HANKINSON R N STATION	MAX	67	54	43	55	67	50	48	56	44	30	54	47	63	64	56	43	59	41	39	40	45	41	39	35	36	32	18	14	31	32		44.8
	MIN	38	28	18	19		27	16	20	18	15	18	22	27	25	29	30	27	26	25	26	26	26	18	18	16	12	6	-2	0	6		20.0
HANNAH	MAX	55	42	53	60	56	45	48	37	30	46	41	58	50	50	37	42	42	35	33	45	39	31	33	25	23	17	8	20	20	26		38.2
	MIN	26	21	9	23	33	15	10	23	19	18	14	22	22	24	25	32	31	31	20	20	24	8	9	18	15	1	-9	-12	5	3		16.7
HANSBORO	MAX	55		55	62	56	46	48	37	32	48	41	61	53	53	39	39	35	33		45	38	31	32	26	22	12	9	22	22	26		38.5
	MIN	31	26	14	29	32	19	13	25	20	23	19	27	28	24	33	32	31	22		25	23	13	11	18	10	5	-7	0	5	5		19.2
HETTINGER	MAX	46	47	49	68	46	45	57	38	37	58	62	63	51	53	56	39	37	37	41	52	35	32	34	32	21	15	23	32	24	39		42.3
	MIN	28	20	22	34	30	13	19	26	23	22	27	29	31	19	30	32	32	28	12	28	12	10	16	16	14	7	-3	0	11	0		19.6
HILLSBORO	MAX	52	43	57	62	52	50	50	45	35	54	51	61	57	52	45	57	45	39	37	40	41	34	32	32	26	22	15	29	25	26		42.2
	MIN	36	28	18	28	29	24	16	29	19	26	23	28	21	40	28	39	24	32	28	26	26	21	18	18	20	10	5	-2	9	5		22.4
JAMESTOWN CAA	MAX	47	46	56	66	47	46	52	36	29	55	48	62	54	54	45	46	37	37	38	51	39	36	37	30	24	16	14	32	23	27		41.0
	MIN	34	23	17	28	27	21	11	22	19	17	19	27	24	28	28	33	32	31	25	26	23	16	10	10	15	5	-5	-6	7	6		19.1
JAMESTOWN STATE HOSP	MAX	47	45	56	67	55	45	51	38	31	54	48	61	55	53	45	46	39	37	38	50	39	32	36	30	27	19	10	32	25	26		41.2
	MIN	33	30	19	28	34	21	10	28	24	18	21	33	24	30	30	34	32	31	24	26	25	18	11	11	19	8	-2	-3	8	6		21.0
KENMARE	MAX	55	54	45	55	65	42	45	50	31	36	45	53	58	47	52	43	34	36	38	40	46	34	31	32	23	22	17	15	24	25		39.8
	MIN	31	25	23	28	30	18	19	22	22	22	21	25	24	18	20	28	29	29	19	18	22	14	12	20	17	2	-3	-3	5	9		18.9
KENSAL WILDLIFE REFUGE	MAX				66	58	48	52	47	30	56	46	64	51	57	44	45	38	38	34	45	43	36	38	33	26	19	11	32	27	26		41.1
	MIN				27	33	17	11	22	17	16	17	33	22	26	25	33	33	31	20	21	20	7	5	9	15	5	-10	-10	3	0		16.6
LANGDON EXP FARM	MAX	54	46	52	59	52	46	48	43	28	46	44	58	53	54	48	46	44	35	35	48	38	31	33	25	25	17	10	28	20	25		39.7
	MIN	29	20	9	19	32	14	11	18	16	15	12	22	23	22	23	33	30	29	19	20	19	6	7	15	15	2	-7	-13	4	0		15.5
LARIMORE	MAX	50	42	53	62	52	47	48	40	29	52	46	59	48	50	42	52	44	37	38	44	39	33	30	31	29	20	14	28	25	27		40.4
	MIN	36	31	10	28	36	22	13	25	22	18	19	31	27	36	26	36	32	33	26	24	26	18	18	14	19	8	2	-3	7			22.1
LEEDS	MAX	55	42	54	63	57	45	53	39	32	51	43	55	50	55	44	43	42	37	35	49	39	30	36	28	24	18	10	26	24	29		40.3
	MIN	31	20	11	27	33	15	18	26	21	21		36				37	35	32				17	4	23	18	6	-9	-7	5	4		18.4
LINTON	MAX	54	50	60	71	56	46	52	43	33	57	53	63	55	57	57	47	42	40	40	53	43	40	35	26	22		17	32	26	31		44.9
	MIN	34	23	14	25	36	11	8	26	25	16	16	20	25	24	34	35	32	29	13	17	20	1	4	11	13		-10	-8	2	6		17.3
LISBON	MAX	47	45	55	62	45	45	51	45	31	49	46	55	54	49	46	50	46	37	34	42	39	32	33	30	26	19	13	26	22	32		40.2
	MIN	31	27	10	27	30	21	14	24	25	14	19	28	19	34	26	35	22	32	27	25	25	20	15	18	19	10	1		9	4		21.1
LOSTWOOD 12N	MAX	56	53	54	63	54	44	47	38	34	45	49	57	47	49	41	39	32	34	36	43	35	31	30	25	19	15	13	20	22	30		38.5
	MIN	37	21	20	22	22	14	12	25	20	14	19	27	23	17	22	30	27	28	13	28	12	13	8	17	13	1	-4	-2	6	8		17.1
MADDOCK AGR SCHOOL	MAX	56	43	53	63	60	45	52	39	31	50	49	57	50	54	43	44	42	37	36	49	40	32	31	29	26	22	10	28	27	29		40.9
	MIN	28	23	14	24	32	15	9	28	23	17	13	29	22	29	27	36	33	32	20	23	22	12	3	15	19	6	-11	-8	4	1		18.0
MANDAN EXP STATION	MAX	56	49	48	58	69	47	46	54	38	35	57	56	62	52	54	52	37	38	37	39	49	37	32	37	27	24	17	18	33	24		42.7
	MIN	38	26	20	26	31	18	10	20	26	18	20	24	26	25	29	37	33	34	20	23	23	13	5	8	19	14	-2	-4	6	5		19.7
MANDAN FT LINCOLN PARK	MAX	51	51	68	68	63	48	56	47	33	59	55	54	54	57	58	44	36	39	40	50	46	35	39	33	26	23	19	34	28	29		44.8
	MIN	34	27	22	30	34	16	11	31	24	19	19	30	36	27	29	34	33	33	18	27	23	11	4	17	19	12	-5	-2	5	5		20.9
MARMARTH	MAX	48	46	48		49	46	46	38	40	55	61	61	50	43	52	43	36	37	44	48	38		36	36	26		17	36		39		43.0
	MIN	27	24	15		35	9	14	25	20	14	28	19	23	12	30	33	34	30	10	25	19	3	0	19	13	10	-9	-6		1		17.0
MAX	MAX	62	52	50	55	67	44	45	51	33	33	50	48	57	51	53	54	34	34	34	33	38	40	33	32	25	22	12	12	28	22		40.1
	MIN	28	26	20	20	30	11	17	13	19	21	19	21	27	21	21	21	33	31	19	19	23	15	10	12	18	6	5	-5	-2	6		17.5
MAYVILLE	MAX	50	41	48	61	56	48	49	41	29	55	49	60	51	52	44	54	46	38	34	44	41	32	32	32	30	22	12	25	24	27		40.9
	MIN	37	31	15	31	32	22	18	27	19	22	19	28	21	38	26	26	25	33	27	26	27	20	16	16	21	11	6	2	10	9		22.0
MC CLUSKY	MAX	51	45	47	61	55	46	49	40	31	52	43	57	45	44	44	40	37	36	35	39	39	28	25	22	22	20	9	30	21	31		38.1
	MIN	36	22	26	30	30	15	16	30	24	19	18	30	29	26	31	35	32	32	19	23	21	13	10	20	18	6	-5	-1	4	7		20.5
MC HENRY 5 N	MAX	50	41	54	64	56	45	49	35	28	55	44	59	53	54	43	47	42	36	34	49	40	31	35	30	24	17	9	28	23	25		40.0
	MIN	30	24	15	25	32	16	11	25	21	17	13	30	21	28	25	34	32	30	20	20	20	12	7	12	15	3	-8	-12	3	2		17.4
MC LEOD 3 E	MAX	55	40	56	64	57	50	55	45	37	52	50	65	60	54	58	53	42	38	40	47	43	40	30	35	29	22	15	20	27	33		43.6
	MIN	25	19	10	20	34	22	14			16	30	22	20			26	22	31	28	22	22	20	17	14	19	10	4	-4	8	6		18.3
MEDORA 4 NNE	MAX	51	48	56	68	59	45	55	42	43	53	61	61	50	53	54	51	36	40	46	48	40	36	43	32	26	18	19	26	23	34		43.9
	MIN	38	20	19	23	38	9	10	30	24	18	17	17	19	12	35	35	33	33	8	21	22	3	-1	2	16	9	-17	-18	-1	-6		15.9
MINOT CAA	MAX	48	45	55	65	44	45	50	36	35	49	47	57	50	51	45	38	35	37	37	47	34	32	37	26	22	17	12	26	23	31		39.2
	MIN	34	25	25	35	23	19	23	26	25	26	22	34	20	22	26	33	31	27	21	29	21	14	14	20	17	4	-2	2	11	14		21.7
MINOT EXP FARM	MAX	52	45	50	66	55	44	50	42	33	49	48	58	49	52	45	40	36	37	37	47	39	32	36	27	22	21	12	26	22	29		40.3
	MIN	35	26	23	33	24	17	18	30	26	22	21	33	26	23	31	32	31	32	20	28	22	18	12	22	18	5	-5	1	5	8		21.6
MOHALL	MAX	53	52	56	66	55	45	50	39	35	45	48	59	50	52	42	41	35	39	39	47	34	31	30	29	23	19	10	24	24	31		40.1
	MIN	24	25	19	30	32	13	11	29	23	23	18	30	22	18	27	32	30	30	17	30	23	16	7	17	18	0	-11	-1	5	6		18.9
MOTT	MAX	48	47	59	67	60	46	58	40	37	58	62	64	53	52	56	48	39	38	41	51	42	36	40	29	25	20	23	34	26	43		44.7
	MIN	37	18	10	23	35	13	12	17	11	14	18	21	22	15	29	34	32	33	11	21	15	6	-1	9	15	10	-4	-8	2	-2		15.6
MUNICH 4 SW	MAX	54	45	51	59	54	45	47	36	29	48	46	56	51	53	49	44	40	35	33			30	32	27	23	20	17	21	21	24		38.9
	MIN	29	24	10	19	32	14	9	19	17	14	14	20	21	26	24	33	31	32	20	25	20	6	8	16	15	0	-3	12	1	1		17.0

See Reference Notes Following Station Index

DAILY TEMPERATURES

NORTH DAKOTA
NOVEMBER 1952

Table 5 - Continued

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAPOLEON 1 SE	MAX	49	48	55	67	54	45	51	41	32	53	51	60	52	55	51	43	38	37	38	51	39	34	35	33	26	29	16	29	26	29		42.2
	MIN	31	26	21	29	33	17	14	28	25	18	14	32	26	26	31	33	31	32	12	21	17	5	7	9	15	6	- 5	- 7	1	0		18.3
NEW ENGLAND	MAX	49	46	57	66	55	45	55	40	42	56	62	58	48	52	55	45	37	37	41	48	38	35	38	29	23	16	21	30	23	41		42.9
	MIN	37	22	14	27	20	13	13	27	23	18	22	29	25	18	30	32	31	29	12	26	17	9	- 2	8	15	7	- 5	- 9	- 3	- 4		16.7
NEW SALEM 1 S	MAX	48	48	58	67	52	41	55	36	35	56	56	62	53	53	53	41	35	37	38	47	36	34	37	26	24	20	20	32	23	33		41.9
	MIN	35	21	23	35	29	15	17	26	23	21	19	32	21	23	27	31	30	29	16	21	19	13	9	13	15	9	0	- 1	5	7		19.3
NEWTOWN	MAX	52	49	55	67	57	43	49	42	35	50		59	50	53	50	39	35	34	37	47	40	35	29	26	22	21	19	25	25	34		40.7
	MIN	35	25	21	25	32	17	13	28	22	17		20	23	18	31	32	30	33	17	28	19	21	7	18	17	6	3	3	5	6		19.7
OAKES	MAX	64	53	48	56	69	48	46	51	40	30	53	48	66	59	54	49	53	37	37	38	47	39	35	37	31	27	18	13	29	24		43.3
	MIN	32	27	10	16	27	20	9	9	20	11	15	20	22	18	29	32	28	30	26	24	24	23	15	16	15	10	0	- 2	1	9		17.9
PARK RIVER	MAX	55	50	54	61	58	48	48	42	30	52	48	58	52	50	42	53	42	38	37	50	42	35	30	30	29	22	12	28	26	27		41.6
	MIN	37	21	14	28	38	20	17	24	23	15	18	33	28	33	26	37	35	33	26	28	25	17	16	15	20	8	- 1	1	8	3		21.5
PARSHALL	MAX	50	48	55	66	65	45	50	41	36	49	54	60	50	55	49	40	35	39	37	48	36	34	30	27	24	20	20	25	25	34		41.2
	MIN	31	22	14	21	30	12	12	28	19	16	13	24	25	15	21	32	30	30	15	27	17	14	2	12	17	4	- 6	- 6	2	6		16.6
PEMBINA 2N	MAX	59	57	52	60	60	45	51	51	30	45	45	58	58	52	50	47	42	38	36	42	41	41	33	29	28	24	13	25	25	17		41.8
	MIN	29	27	9	21		20	12	18	17	19	11	22	19	32	23		26	32	23	21	25	15	13	16	15	4	6	- 5	5	0		17.0
PETERSBURG	MAX	51	45	54	62	64	50	48	46	30	52	46	58	50	51	52	57	41	39	36	48	41	32	34	30	26	19	19	27	26	28		42.1
	MIN	30	21	17	26		13	13	19	19	18	15	27	25	35	26		33	31	21	23	20	14	14	16	17	7	- 4	- 6	3	5		17.8
PETTIBONE	MAX	55	45	55	66	55	44	46	37	31	50	45	61	51	53	44	45	39	36	34	50	40	35	35	30	25	20	10	30	28	30		40.8
	MIN	27	24	19	25	31	25	13	28	15	25	25	29	30	28	31	35	33	32	19	24	21	11	8	18	15	8	- 5	- 7	4	5		19.9
PORTAL	MAX	54	55	45	57	63	41	45	48	30	36	44	54	57	50	53	41	33	35	36	41	45	35	33	30	21	21	16	12	21	24		39.2
	MIN	26	21	20	30	28	15	18	26	22	23	18	24	28	22	25	28	30	30	13	18	18	19	13	19	15	0	- 9	0	4	5		18.3
POWERS LAKE 1N	MAX	52	45	53	65	50	43	47	35	35	45	52	52	50	53	43	37	33	35	32	44	40	31	25	25	18	15	21	23	32	34		38.8
	MIN	30	18	19	25	25	13	13	25	22	23	16	22	24	31	31	31	29	24	12	30	12	11	15	18	1	- 3	- 1	8	8	10		18.1
RICHARDTON ABBEY	MAX	48	46	55	67	58	45	54	48	38	53	61	62	53	54	53	46	34	36	41	48	40	35	38	34	22	19	24	29	23	37		43.4
	MIN	37	25	22	36	33	15	20	27	23	20	23	32	29	23	35	30	30	30	14	30	18	13	8	19	16	9	1	- 2	2	4		20.7
RIVERDALE	MAX	55	49	48	55	65	44	44	53	33	35	53	51	59	53	54	50	36	34	32	39	47	35	32	32	23	23	17	15	28	23		40.6
	MIN	36	25	24	29	33	18	16	19	24	23	22	24	26	24	26	30	32	29	19	20	22	18	7	10	17	13	- 1	- 1	3	8		19.8
ROLLA	MAX	53	45	53	62	55	45	48	40	30	45	39	55	51	51	41	37	36	35	36	44	36	29	31	27	22	18	10	23	22	26		38.2
	MIN	30	22	17	27	32	16	13	26	19	21	15	28	27	27	25	32	30	29	24	24	20			20	18	4	- 6	- 3	6	5		19.6
RUGBY	MAX	55	46	55	62	59	46	51	46	34	50	44	56	52	54	47	40	40	37	37	48	42	34	35	30	25	22	12	24	25	30		41.3
	MIN	31	22	20	27	32	15	16	27	25	22	16	22	27	30	29	35	32	33	19	24	23	16	10	20	19	10	- 6	- 2	7	6		20.2
SAN HAVEN	MAX	54	44	53	63	58	40	48	42	30	46	40	55	52	56	46	38	39	35	33	45	40	29	31	29	22	18	11	23	27	31		39.3
	MIN	31	28	16	26	31	14	15	26	20	22	20	28	28	33	33	33	31	31	21	21	19	14	10	18	18	7	- 8	- 6	7	5		19.7
SHARON	MAX	45	43	52	60	54	45	51	40	39	54	45	58	54	50	43	50	41	35	33	43	39	34	30	31	28	19	15	27	22	21		40.0
	MIN	32	25	15	24	34	21	14	25	21	21	17	27	29	35	27	35	34	30	24	22	24	16	15	17	18	5	- 4	- 3	5	7		20.2
STANLEY	MAX	52	46	53	64	52	43	41	40	35	45	52	57	47	52	45	38	33	36	34	42	35	31	28	26	20	15	16	22	25	33		38.6
	MIN	32	20	19	18	26	15	10	26	18	18	19	28	25	17	27	30	28	27	14	22	16	12	5	15	12	1	- 1	- 3	- 3	5		16.6
STEELE	MAX	53	47	57	68	57	45	53	40	33	55	45	63	53	56	60	45	37	38	39	50	43	34	37	30	30	20	14	32	27	32		43.1
	MIN	35	25	19	28	32	13	15	25	25	17	18	27	25	27	27	35	32	32	17	20	15	9	7	11	17	6	- 7	- 5	2	3		18.4
TOWNER	MAX	49	43	50	66	49	52	57	39	37	54	40	58	53	56	44	40	39	38	37	48	38	37	34	34	29	28	6	26	26	30		41.5
	MIN	27	20	23	28	24	14	18	30	27	25	15	25	22	23	28	35	28	20	22	22	19	18	12	18	10	2	- 8	- 1		19		19.5
TURTLE LAKE	MAX																			37	37	48	37				23	15	14	30	24		
	MIN																			31	17	19	21	13		18	11	- 6	- 2	3	4		
UNDERWOOD	MAX	55	53	47	55	65	44	43	54	32	35	53	51	59	51	55	47	37	36	36	36	47	39	31	32	24	23	17	12	29	23		40.7
	MIN	35	25	21	26	32	14	14	17	17	17	19	21	29	22	22	33	32	31	31	18	16	13	8	10	17	12	- 5	- 4	- 3	5		18.2
UPHAM 3N	MAX	56	48	57	66	58	47	50	44	36	53	43	60	52	56	42	37	37	38	39	49	39	32	37	30	26	22	18	28	24	30		41.8
	MIN	29	22	15	29	31	11	10	27	24	22	13	24	20	22	27	30	33	32	19	26	23	11	5	17	19	4	- 7	- 5	5	7		18.2
VALLEY CITY	MAX	57	44	55	66	65	46	51	49	36	55	51	60	57	55	50	48	47	37	35	42	42	33	31	30	29	21	15	26	24	30		42.9
	MIN	34	31	14	27	36	25	15	27	25	20	20	30	21	38	31	36	29	31	27	29	26	18	14	17	21	10	0	- 2	9	6		22.2
VELVA	MAX	53	46	56	66	55	46	52	41	37	53	47	58	49	51	45	41	36	37	38	38	38	33	40	34	24	22	12	28	24	33		41.1
	MIN	33	28	24	28	34	20	14	31	25	25	20	35	24	20	26	33	33	31	21	21	21	20	8	20	20	6	- 4	- 3	9	9		21.1
WAHPETON STATE SCHOOL	MAX	55	54	54	67	57	51	63	49	39	55	50	66	62	58	60	60	50	45	42	43	44	40	34	35	32	24	15	30	27	29		46.3
	MIN	34	31	16	27	39	24	14	28	18	18	18	31	22	28	34	40	28	33	29	25	26	25	16	18	23	12	6	- 2	9	7		22.6
WASHBURN	MAX	54	51	56	68	62	46	57	38	38	57	50	63		57	52	44	36	36	42	50	39	35	41	32	24	23	19	32	26	30		43.4
	MIN	34	33	20	28	33	14	10	28	29	21	18	30	23	20	31	33	30	31	16	24	18	12	6	19	17	8	- 6	- 2	3	6		19.6
WATFORD CITY	MAX	53	48	56	67	53	44	50	40	39	51	58	61	50	55	50	45	35	37	42	45	35	35	30	28	22	19	20	26	25	33		41.7
	MIN	37	23	19	34	29	15	14	26	24	19	18	28	24	17	32	30	30	30	12	28	15	18	6	17	11	9	- 4	5	12	6		19.5
WESTHOPE	MAX	50	43	55	65	45	46	48	36	33	49	46	60	55	54	43	40	36	37	36	47	37	33	28	26	23	15	10	25	22	28		39.0
	MIN	27	20	18	25	20	16	14	16	14	20	16	24	23	21	31	32	32	27	18	24	17	12	11	14	15	1	- 8	- 3	10	8		17.2
WILLISTON WB CITY	MAX	54	47	56	67	44	45	48	35	39	50	56	59	50	54	49	39	38	39	44	44	34	33	32	26	22	20	20	24	25	35		40.9
	MIN	34	28	27	35	23	19	24	27	25	25	21	30	27	21	37	33	33	26	18	27	20	17	15	17	14	7	2	2	11	12		21.9
WILLOW CITY	MAX	54	43	55	63	48	46	51	46	34	50	42	57	54	55	41	40	40	37	36	50	37	30	36	27	25	18	10	26	22	29		40.1
	MIN	28	18	9	19	29	14	6	24	18	22	13	17	28	25	32	33	31	32	17	21	20	12	1	18	13	4	- 9	-12	4	0		16.2
WILTON RR STATION	MAX	55	49	46	56	65	44	43	51	33	33	50	49	59	57	55	49	38	36	36	37	47	36	32	35	25	23	16	15	32	23		40.8
	MIN	36	25	17	19	31	18	14	16	23	14	21	27	32	27	26	35	32	31	17	18	21	14	7	13	18	11	- 2	- 3	- 3	4		18.6
WISHEK	MAX	56		55	67	61	45	52	46	36	51	51	60	52	55	52	46	43	37	37	52	48	36		34	30	22	15	30	28	26		43.7
	MIN	30		20	27	35	15	11	29	25	14	20	31	22	27	29	35	30	34	24	24	21	11		7	19	10	- 5	- 8	2	3		19.4

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
NOVEMBER 1952

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL		T						T	T							D.5		T						D.6	T	T	T	T			
	SN ON GND								T	T															T	T	T	T	T	T		
AMENIA	SNOWFALL								T										2.D							T		T				
	SN ON GND																		T													
AMIDON	SNOWFALL																	T							D.7	D.3	D.5	T		T		
	SN ON GND																								1	1	2	2	2	2	2	
ASHLEY	SNOWFALL																	3.5	T													
	SN ON GND																	4	4	3	3	2	2	2	1	1	1	1	1	1	1	
BEACH	SNOWFALL																								1.D	2.D	D.1					
	SN ON GND																								1	3	3	3	3	3	2	
BELCOURT INDIANA RES	SNOWFALL								T								T		1.D							T	T					
	SN ON GND								T	T									1	1						T	T	T	T	T	T	
BELFIELD	SNOWFALL																							–	–	–	–					
	SN ON GND																							–	–	1	2	2	2	2	2	
BEULAH	SNOWFALL																								T							
	SN ON GND																								T							
BISBEE	SNOWFALL																		T							T	T					
	SN ON GND																		T							T	T					
BISMARCK WB CITY	SNOWFALL									T															T	T	T	T				
	SN ON GND									T																T	T	T	T	T	T	
BISMARCK WB AP	SNOWFALL								T	T									T						D.2	T	D.2	T		T		
	SN ON GND									T															T		T	T	T	T	T	
BOTTINEAU	SNOWFALL								T											D.1					T	D.3						
	SN ON GND								T	T															T	T	T	T	T	T	T	
BOWBELLS	SNOWFALL								*	D.4							T	D.6	T					*	D.2							
	SN ON GND								T	T							T	T	T	T				T	T	T	T	T	T	T	T	
CARSON NO. 2	SNOWFALL																								–		–					
	SN ON GND																								T	T	T	T	T	T	T	
CENTER	SNOWFALL								T																T		–					
	SN ON GND																								T	T	T	T	T	T	T	
CROSBY	SNOWFALL								T														T			T		T				
	SN ON GND								T														T	T	T	T	T	T	T	T	T	
DEVILS LAKE WB CITY	SNOWFALL	T							D.5	T									D.3	T					D.3	T	T	T		T		
	SN ON GND									T									T	T	T				T	T	T	T	T	T	T	
DICKINSON CAA AP	SNOWFALL		T						T								T		T					D.4	D.2	D.5	T		T		
	SN ON GND																								T	1	1	1	1	1	1	
DICKINSON EXP STA	SNOWFALL																								D.6	D.1						
	SN ON GND																								1	1	1	1	1	1	1	
DUNN CENTER	SNOWFALL								T	T							1.3	T	T							T	D.1					
	SN ON GND									T							1	1	T							T	T	T	T	T			
EDMORE 1 W	SNOWFALL									T									T	T					–	T	T					
	SN ON GND																								1	1	T	T				
ELLENDALE	SNOWFALL									T								T	2.D							T	T	T				
	SN ON GND																		1							T	T	T					
FARGO WB AP	SNOWFALL								T	T								T	D.5	D.3						T	T	T		T		
	SN ON GND																		T	T							T	T	T	T	T	
FORT YATES	SNOWFALL																								T							
	SN ON GND																															
FOXHOLM 7 N	SNOWFALL								T																T	T	T			T		
	SN ON GND								T																		T		T	T		
FULLERTON	SNOWFALL																	*	8.5								T					
	SN ON GND																	–	2	1	T	T	T	T	T	T	T	T	T	T	T	
GARRISON	SNOWFALL								T								T							T	T	T	T					
	SN ON GND																													T		
GRAFTON STATE SCHOOL	SNOWFALL								T	D.5									1.D						T	T	T	T				
	SN ON GND									1									1	–						T	T	T	T	T	T		
GRAND FORKS CAA AP	SNOWFALL					T	T		T	T									1.D	T					T	T	T	T				
	SN ON GND																		1	T	T	T	T	T	T	T	T	T	T	T		
GRAND FORKS UNIV	SNOWFALL								T	T								1.5	T	T					T	T	T	T				
	SN ON GND																	–	–	–												
GRANVILLE	SNOWFALL								T																	T			T			
	SN ON GND																									T	T	T	T	T	T	
HANSBORO	SNOWFALL								T									D.2								D.1	T					
	SN ON GND																	T	T							T	T	T	T			
HETTINGER	SNOWFALL																									T						
	SN ON GND																									T	T	T				
JAMESTOWN CAA AP	SNOWFALL								T	T								1.5	2.7							T	T			T		
	SN ON GND																		1	T	T						T	T					
KENSAL WILDLIFE RE	SNOWFALL																									T						
	SN ON GND																									T						
KILDEER 8 NW	SNOWFALL								T																							
	SN ON GND																									T						
MANDAN EXP STA	SNOWFALL									T																						
	SN ON GND																		T	T					D.1	T	D.2	T				
MAYVILLE	SNOWFALL								0.1	T															T	T	T	T	T	T	T	
	SN ON GND								T	T									0.3	T						T		T				
MC CLUSKY	SNOWFALL																		T	T						T		T				
	SN ON GND																								T							
MC HENRY 5 N	SNOWFALL								T	T																						
	SN ON GND																		T	T						T	T	T	T	T		

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MEDORA 4 NNE	SNOWFALL																							T	1.D	1.S						
	SN ON GND																							T	1	2	2	1	1	1	1	
MINOT CAA AP	SNOWFALL								0.3	T							T		T						T	T	0.2		D.2	T		
	SN ON GND								T	T	T						T								T	T	T			T	T	
MINOT EXP FARM	SNOWFALL																								T	T	T			T		
	SN ON GND																								T	T	T	T	T	T	T	
MOHALL	SNOWFALL								D.1								T							T		T	T					
	SN ON GND																T							T	T	T	T	T	T	T	T	
MONTPELIER	SNOWFALL																	0.7	3.5							T	T					
	SN ON GND																	T	4	2	T	T	T	T	T	T	T	T	T	T	T	
MOTT	SNOWFALL																								T	0.S		T				
	SN ON GND																								T	1	1	T	T	T	T	
MUNICH 4 SW	SNOWFALL								T					T					T							T	T	T				
	SN ON GND								T										T	T						T	T	T				
NAPOLEON 1 SE	SNOWFALL								T	T																	T	T				
	SN ON GND																										T	T	T			
OAKES	SNOWFALL																		-								T	T				
	SN ON GND																		1	-	-	-					T	T				
PARSHALL	SNOWFALL								T								T							T		T						
	SN ON GND																							T	T	T	T	T	T	T	T	
PETERSBURG	SNOWFALL																		0.S							T	T					
	SN ON GND																		1	1	1	1	1	1	1	1	1	1	1	1	1	
PETTIBONE	SNOWFALL								T																	T						
	SN ON GND																									T	T	T				
PRETTY ROCK	SNOWFALL																T						T			1.D	T	T		T		
	SN ON GND																									1	1	T	T	T		
RICHARDTON ABBEY	SNOWFALL		T						T	T							T		T						D.8	D.2	T				
	SN ON GND								T										T						T	1	.1	1	T	T	T	
RIVERDALE	SNOWFALL		T	T					T	T							T	T	T	T						T	T	T		T		
	SN ON GND								T	T																	T	T	T	T		
ROLLA	SNOWFALL								T								T		1.D						T	T	T				
	SN ON GND								T	T	T	T							1						T	T	T	T	T	T	T	
SAN HAVEN	SNOWFALL								T										D.1	T					T	D.6	T				
	SN ON GND																		T	T					T	1	1	1	1	1	1	
SHARON	SNOWFALL								T										2.D							T	D.S					
	SN ON GND																		2	2	1	1	1	1	1	1	2	2	2	2	2	
STANLEY	SNOWFALL																-															
	SN ON GND																-	-	-													
UPHAM 3 N	SNOWFALL																							T		1.D						
	SN ON GND																									1	-	-	-	-	-	
VALLEY CITY	SNOWFALL									T									2.0							T						
	SN ON GND																															
WAHPETON STATE SCHOOL	SNOWFALL																		T									T				
	SN ON GND																															
WESTHOPE	SNOWFALL								T								T							T								
	SN ON GND																															
WILLISTON WB CITY	SNOWFALL		T						T	T							0.9						T	T		D.3	T	0.2	0.2			
	SN ON GND																									T	T	T	T	T	T	
WILLOW CITY	SNOWFALL								T										T							T						
	SN ON GND																									T						

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage*	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
ADAMS 5	[illegible]	WALSH	[illegible]	48 2[illegible]	98 [illegible]	-		6P	MYRON [illegible] BATA	3
ALEXANDER	[illegible]096	MC KENZIE	3	47 50	103 38	[illegible]		6P	ARTHUR [illegible] BAUMAN	3
ALMONT 7 SW	0134	MORTON	4	46 43	101 39	1930	7P	7P	MAGAN RAMSLAND	2 3 5 7
AMBROSE	[illegible]189	DIVIDE	12	48 58	103 28	2159		5P	SOO LINE AGENT	3
AMENIA	[illegible]196	CASS	1	46 [illegible]	97 13	960	SS	SS	VIRGIL [illegible] GEBEKE	2 3 5
AMIDON	[illegible]2 9	SLOPE	1	46 30	103 19	2910	8A	8A	VIRGINIA M. ZUNDEL	2 3 5 7
ANTLER	[illegible]263	BOTTINEAU	[illegible]	48 58	01 20	1540		MID	W. H. WEGNER	3
ANTELA STATE PARK	[illegible]169	GRAND FORKS	2	47 56	97 30	960	6P	6P	ALBERT THOREN	2 3 5
ASHLEY	[illegible]382	MC INTOSH	8	46 [illegible]	99 22	2025	S	S	SOO LINE AGENT	2 3 5 7
BALDHILL DAM	[illegible]45	BARNES	1	[illegible]7 02	98 02	1300	8A	8A	[illegible]	[illegible]
BALTA	0500	PIERCE	11	48 10	100 02	1550		4P	ROYCE E. PAULSON	3
BANTRY	[illegible]516	MC KENRY	11	48 30	100 36	-		6P	TEMPLE K. ROBERTS	3
BEALM	[illegible]590	GOLDEN VALLEY	7	46 55	104 1	2814	6A	6A	HELEN TOBIAS	2 3 5 7
BELCOURT INDIAN RES	0626	ROLETTE	9	48 50	99 45	1960	7P	7P	TURTLE MT. IND AG	2 3 5 7
BELFIELD	0639	STARK	4	46 52	103 11	2592	7P	7P	CARL INDERGAARD	2 3 5 7
BERTHOLD	0 29	WARD	12	48 19	101 44	2080		6P	JOSEPH S. COX	3
BEULAH	0766	MERCER	6	4[illegible] 16	101 47	1780		4P	MONT. DAK. UTIL. CO.	3 7
BISBEE	0796	TOWNER	2	48 37	99 22	1600	6P	6P	ROBERT J. KRICK	2 3 5 7
BISMARCK WB CITY	0814	BURLEIGHT	6	46 48	100 48	1670	9A	9A	U S WEATHER BUREAU	2 3 5 7
BISMARCK WB AIRPORT	0819	BURLEIGHT	8	46 46	100 45	1650	MID	MID	U S WEATHER BUREAU	2 3 5 7
BOTTINEAU	0941	BOTTINEAU	12	48 50	100 27	1638	8A	8A	N. D. SCH OF FRSTRY	2 3 5 7
BOWBELLS	0961	BURKE	12	48 48	102 15	1953	8A	8A	FE[illegible]K L. ADAMS	2 3 5 7
BOWBELLS 5 E	0966	WARD	12	48 47	102 08	1925	8A	8A	CLOSED - - - - -	1 11/52
BOWMAN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2872	5P	5P	O. B. HOOK	2 3 5
BOWMAN 11 SE	0998	BOWMAN	3	46 04	103 19	-		6P	BERNARD L. DOMAGALA	3
BOWMAN 30 NNW	001	SLOPE	8	46 35	103 31	-		5P	ROBERT L. HANSON	3
BRIEN	052	MORTON	1	46 24	100 57	1720		MID	FRANK E. POTTER	3
BUCHANAN	124	STUTSMAN	5	47 04	98 49	572		MID	W. H. HENDRICKSON	3
BURT 16	216	HETTINGER	1	46 36	102 08	-		6P	JACOB GRUEBELE	3
BUTTE	1225	MC LEAN	12	47 50	100 40	1880	6A	6A	EARL R. WARD	2 3 5
CANDO	1288	TOWNER	2	48 29	99 12	-		MID	HARRY E. HARRIS	3
CARRINGTON	1360	FOSTER	5	47 27	99 08	1579	7A	7A	SOO LINE AGENT	2 3 5
CARSON	365	GRANT	4	46 25	101 34	2300		MID	VINCENT MUGGLI	3
CARSON NC 2	1370	GRANT	4	46 25	101 34	2331	7A	7A	ALEXANDER P. MADISON	2 3 5 7
CAVALIER	1435	PEMBINA	9	48 48	97 38	899	6P	6P	WILLIE HANSEN PIC	2 3 5
CENTER	1456	OLIVER	8	47 07	101 18	2100	7P	7P	FRED L. HEINZ	2 3 5 7
COLGATE	1686	STEELE	10	47 14	97 39	1180		6P	JOHN P. BURCHILL	3
COLUMBUS	1696	BURKE	12	48 54	102 47	1930		6P	J. D. SUNDELL	3
COOPERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	5P	5P	R. J. LOCKNER	2 3 5
COURTENAY	1816	STUTSMAN	5	47 13	98 34	1523		5P	G. H. HAMAWALT	3
CROSBY	1871	DIVIDE	12	48 54	103 18	1954	6P	6P	VERNON V. NICHOLS	2 3 5 7
DEVILS LAKE WB CITY	2158	RAMSEY	2	48 07	98 52	1471	MID	MID	U S WEATHER BUREAU	2 3 5 6 7
DICKINSON CAA AP	2183	STARK	4	46 48	102 48	2587	MID	MID	U S CIVIL AERO ADM	2 3 5 7
DICKINSON EXP. STATION	2188	STARK	4	46 53	102 48	2490	7A	7A	DICKINSON EXP. STA.	2 3 5 6 7
DONNYBROOK	2242	WARD	12	48 31	101 53	1760		6P	FRED E. FELDNER	3
DRAKE	2298	MC HENRY	12	47 55	100 22	1634	8A	8A	ED. J. EVANS	2 3 5
DUNN CENTER	2365	DUNN	6	47 21	102 37	2191	6A	6A	CHARLES C. NEUSTEL	2 3 5 7
ECKMAN	2472	BOTTINEAU	12	48 39	101 03	1500	7A	7A	SOO LINE AGENT	2 3 5
EDGELEY EXP. FARM	2482	LA MOURE	5	46 20	98 42	1568	8A	8A	N.D. AGRI. EXP. STA.	2 3 5 6
EDMORE 1 W	2525	RAMSEY	2	48 25	98 29	1524	5P	5P	MIKE DAVIS	2 3 5 7
ELBOWOODS	2570	MC LEAN	8	47 35	102 09	2082	6P	6P	M. W. CASE	2 3 5
ELGIN 5 S	2592	GRANT	1	46 21	101 49	-		6P	ART A. ESLINGER	3
ELLENDALE	2605	DICKEY	5	46 00	98 31	1460	8P	8P	PAUL GRESS	2 3 5 7
ENDERLIN	2695	RANSOM	11	46 38	97 36	2004	7A	7A	LEOMARD PETERSON	2 3 5
EPPING	2735	WILLIAMS	8	48 18	103 21	2224	6P	6P	T. BEACHLER	2 3 5
ESMOND	2767	BENSON	11	48 02	99 46	1650		MID	LYLE O. FERING	3
FAIRFIELD	2809	BILLINGS	7	47 11	103 13	2750		6P	JOHN PETRYSZAK	3
FARGO WB AIRPORT	2859	CASS	10	46 54	96 48	895	MID	MID	U S WEATHER BUREAU	2 3 5 7
FESSENDEN	2949	WELLS	5	47 39	99 37	1620	5P	5P	EMIL E. RUST	2 3 5
FLASHER	3009	MORTON	1	46 27	101 14	1930		8A	GEORGE M. SINCLAIR	3
FLAXTON	3019	BURKE	12	48 54	102 23	1940		6P	PALMER M. DUNHAM	3
FORBES 13 NW	3064	DICKEY	5	46 04	98 56	-		6P	THEODORE A WIRCH	3
FORMAN	3117	SARGENT	10	46 06	97 38	1249	6P	6P	ART WATERMAN	2 3 5
FORT YATES	3207	SIOUX	8	46 06	100 38	1640	SS	SS	R. P. DETLING	2 3 5 7
FOXHOLM 7 N	3217	WARD	12	48 27	101 33	1609	5P	5P	U S WILDLIFE REFUGE	2 3 5 7
FRYBURG	3277	BILLINGS	6	46 53	103 18	2790		7A	HERMAN J. MAY	3
FULLERTON	3287	DICKEY	5	46 10	98 25	1439	6P	6P	F. O. ALIN	2 3 5 7
GACKLE	3309	LOGAN	5	46 38	99 08	1951	6P	6P	NEIL HUMMEL	2 3 5
GARRISON	3376	MC LEAN	8	47 38	101 25	1911	MID	MID	ALBERT J. BEIRELE	2 3 5 7
GLEN ULLIN 13 N	3501	MERCER	6	47 00	101 47	2221		6P	CHRIST SCHILLING	3
GOLDEN VALLEY 10 S	3529	MERCER	6	47 10	102 03	1870		6P	ROBERT H. BACKFISCH	3
GRACE CITY	3583	FOSTER	5	47 33	98 48	-		MID	IDA BONDERUD	3
GRAFTON STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 5 7
GRAND FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	834	MID	MID	U S CIVIL AERO ADM	2 3 5 7
GRAND FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	MID	7P	UNIVERSITY OF N. D.	2 3 5 7
GRAND RAPIDS 1 N	3665	LA MOURE	5	46 29	98 21	1360	6P	6P	ALBERT J. NESS	2 3 5
GRANVILLE	3686	MC HENRY	12	48 16	100 51	1504	7P	7P	FRED ROBLE	2 3 5 7
GRASSY BUTTE	3696	MC KENZIE	7	47 24	103 14	2660		MID	SAM CHARCHENKO	3
GRASSY BUTTE 10 N	3701	MC KENZIE	7	47 31	103 14	2497		6P	EDSEL G. CRIST	3
GRENORA	3736	WILLIAMS	8	48 37	103 46	2114	10P	10P	L. D. NIELSON	2 3 5
HALEY	3836	BOWMAN	3	45 58	103 08	-		MID	J. E. CRAWFORD	3
HALLIDAY	3846	DUNN	6	47 21	102 20	2073		6P	JOHN KISSE	3
HANKINSON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
HANNAH	3936	CAVALIER	9	48 59	98 41	1570	6P	6P	U S CUSTOMS OFFICE	2 3 5
HANSBORO	3963	TOWNER	9	48 57	99 23	1597	7P	7P	CHARLES E. DISHER	2 3 5 7
HARVEY 3 NE	4013	WELLS	11	47 45	99 53	1596		6P	H. J. REYNOLDS	3
HAYNES 5 NE	4073	ADAMS	1	46 00	102 22	2550		MID	HAZEN EVANS	3
HETTINGER	4178	ADAMS	3	46 00	102 38	2680	6P	6P	FRED O. FORTHUN	2 3 5 7
HETTINGER 17 N	4186	ADAMS	1	46 15	102 39	-		6P	O. J. GERBRACHT	3
HILLSBORO	4203	TRAILL	10	47 24	97 04	901	6P	6P	ALFRED JAHNKE	2 3 5
JAMESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1497	MID	MID	U S CIVIL AERO ADM	2 3 5 7
JAMESTOWN ST HOSPITAL	4418	STUTSMAN	5	46 53	98 40	1457	7P	7P	N. D. ST. HOSPITAL	2 3 5
KEENE 2 S	4571	MC KENZIE	8	47 54	102 56	2346		6P	KENNETH V. BERGET	3
KENMARE	4646	WARD	2	48 40	102 05	1800	8A	8A	THEO. E. ECKBERG	2 3 5
KENSAL WILDLIFE REFUGE	4656	STUTSMAN	5	47 15	98 52	1440	7P	7P	U S WILDLIFE REFUGE	2 3 5 7
KILLDEER 8 NW	4726	DUNN	7	47 26	102 53	2240		6P	LEONARD J. DAVIS	3 7
KULM	4843	LA MOURE	5	46 18	98 57	1970		6P	JOHN STROEHL	3
LANGDON EXP. FARM	4958	CAVALIER	9	48 45	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5
LANSFORD	5002	BOTTINEAU	12	48 38	101 22	1600		6P	LOUIS SCHAEFER	3
LARIMORE	5013	GRAND FORKS	10	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
LEEDS	5078	BENSON	2	48 17	99 26	1515	6P	6P	JOHN FAGER	2 3 5
LEFOR 10 E	5088	STARK	4	46 38	102 21	2580		5P	JOSEPH LINK	3
LINTON	5210	EMMONS	8	46 16	100 14	1711	8P	8P	WILLIAM HEYERMAN	2 3 5
LISBON	5220	RANSOM	11	46 26	97 42	1089	5P	5P	N. DAK. SOLDIERS' HOME	2 3 5
LITCHVILLE	5230	BARNES	11	46 39	98 11	-		6P	WILLIAM H. RUGH	3
LOSTWOOD 12 N	5320	BURKE	12	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
MADDOCK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	6P	6P	BENSON CY AGR SCHL	2 3 5
MANDAN EXP. STATION	5479	MORTON	4	46 48	100 54	1750	8A	8A	NO. G.P. FIELD STA.	2 3 5 6 7
MANDAN FT.LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
MANNING	5519	DUNN	6	47 14	102 46	-		MID	DOMALD JEFFERIES	3
MARMARTH	5573	SLOPE	7	46 18	103 55	2714	6P	6P	S. P. GRANE	2 3 5
MARMARTH M O U CO.	5575	SLOPE	7	46 18	103 55	2710		MID	E. B. JESTNES	3
MARTIN	5610	SHERIDAN	11	47 50	100 07	1610		5P	LEROY E. KESSLER	3
MAX	5638	MC LEAN	6	47 49	101 17	2093	7A	7A	SOO LINE AGENT	2 3 5
MAYVILLE	5660	TRAILL	10	47 30	97 19	975	6P	6P	M. A. RAGAZ	2 3 5 7
MC CLUSKY	5710	SHERIDAN	8	47 29	100 29	1943	6P	6P	ELMER L. SCHIELKE	2 3 5 7
MC HENRY 5 N	5730	EDDY	11	47 38	98 35	1509	7P	7P	C. E. BLASKY	2 3 5 7
MC LEOD 3 E	5754	RICHLAND	11	46 24	97 14	1075	7P	7P	J. G. CARLSON	2 3 5
MC VILLE	5764	NELSON	10	47 46	98 11	1467		6P	H. H. KNIEFEL	3
MEDINA 1 W	5798	STUTSMAN	8	46 53	99 19	-		6P	RUDOLPH GRAF	3
MEDORA	5803	BILLINGS	7	46 55	103 31	2270		MID	JAY J. EATON	3
MEDORA 4 NNE	5813	BILLINGS	7	46 58	103 30	2250	5P	5P	U S NATL PARK SERV.	2 3 5 7
MEDORA 23 NNW	5818	BILLINGS	7	47 14	103 36	2123		6A	ARCHIE E. MC ADOO	3
MELVILLE	5833	FOSTER	5	47 20	99 02	1625		MID	EDGAR S. STEGMEIER	3
MINOT CAA AP	5988	WARD	12	48 15	101 17	1724	MID	MID	U S CIVIL AERO ADM	2 3 5 7
MINOT EXP FARM	5993	WARD	12	48 10	101 18	1720	6P	6P	N C AGPI EXP STA	2 3 5 7
MOFFIT 4 SE	6015	BURLEIGHT	8	46 40	100 14	1760		5P	U S FISH & W L SERV.	3
MOHALL	6025	RENVILLE	12	48 46	101 31	1639	9P	9P	IVER JOHNSON	2 3 5 7
MONPELIER	6105	STUTSMAN	5	46 42	98 35	-		6P	ROLF HANSON	3 7
MOTT	6155	HETTINGER	1	46 23	102 20	2420	SS	SS	FORREST E. COFFING	2 3 5 7

Station	Index No.	County	Drainage*	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
MUNICH [illegible] W	[illegible]	CAVALIER	7	48 [illegible]	[illegible]	1[illegible]	7P	7P	HARRY [illegible] LINEN	[illegible]
NAPOLEON [illegible]	[illegible]	LOGAN	[illegible]	46 [illegible]	[illegible] 45	[illegible]	7P	7P	ART [illegible] HEIT	[illegible]
NEW ENGLAND	6331	HETTINGER	1	46 [illegible]	[illegible] 52	26[illegible]	6P	6P	A. ANTIS [illegible] LER	[illegible]
NEW ROCKFORD 7 WNW	6395	EDDY	5	47 41	99 16	1551		6P	[illegible] ELMER [illegible] LINSA	[illegible]
NEW SALEM [illegible]	6365	MORTON	4	46 5[illegible]	[illegible] 25	2103	6P	6P	WILLIAM [illegible] RUEHL	[illegible]
NOONAN	6465	DIVIDE	12	48 [illegible]	[illegible] 01	136			[illegible]	[illegible]
NORTHGAGE	6535	BURKE	12	49 0	02 16	1105		MID	[illegible] STANLEY [illegible]	[illegible]
NORTONVILLE	6565	LA MOURE	5	46 33	98 46	-		6P	HENRY L. RIEK [illegible]	[illegible]
OAKE [illegible]	[illegible]	PICKEY	5	46 08	98 05	1329	8A	8A	MR. [illegible] E. CARRIE MEAD	[illegible]
PARK RIVER	6857	WALSH	1	48 23	97 45	998	5P	5P	MARTIN SEVERSON	[illegible]
PARSHALL	6867	MOUNTRAIL	8	47 57	102 08	1929	6P	6P	C. E. SAUBERT	[illegible]
PEMBINA 2 N	6947	PEMBINA	10	49 0	97 14	790	4P	4P	U S [illegible] TOMS [illegible]	[illegible]
PETERSBURG	7027	NELSON	10	48 01	98 00	1524	5P	5P	REV. JOHN MOSER	[illegible]
PETTIBONE	7047	NIDDER	8	47 07	99 31	1860	7P	7P	C. H. DETHLOFF	[illegible]
PINGREE	7117	STUTSMAN	5	47 01	98 54	1572		6P	JERRY W. [illegible] GNEY	[illegible]
PORTAL	7201	BURKE	12	49 [illegible]	[illegible] 33	1954	9A	9A	U S C STOMS SERVIC	[illegible]
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	7P	7P	HERBERT J. CLARK	[illegible]
PRETTY ROCK	7311	GRANT	1	46 11	1 1 51	-		6P	FREDA [illegible] ER	[illegible]
REEDER	7450	ADAMS	3	46 06	102 57	2810		6P	ROBERT CUL[illegible]	[illegible]
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2860		8A	CHAS. M. METZINGER	[illegible]
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2467	5P	5P	ASSUMPTION ABBEY	[illegible]
RIVEROALE	7585	MC LEAN	8	47 30	101 21	1910	8A	8A	CORPS OF ENGINE[illegible]	[illegible]
ROLLA	7644	ROLETTE	9	48 52	99 37	1860	7P	7P	THEO B. FAGERLIND	[illegible]
RUGBY	7704	PIERCE	2	48 22	100 00	1560	6P	6P	FRANK HORNSTEIN	[illegible]
RYDER	7749	WARD	8	47 55	101 40	2108		6P	S. C. SCHELL NBAJM	[illegible]
SAN HAVEN	7824	ROLLETTE	12	48 50	100 02	2001	6P	6P	N.DAK. STATE HOSP	[illegible]
SANISH	7834	MOUNTRAIL	8	47 59	102 32	1835	7A	7A	CLOSED - - - - - -	[illegible]
SCRANTON	7932	BOWMAN	3	46 09	103 09	2776		6P	FRANK TIMM	[illegible]
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	2183		7P	L. E. WILSON	[illegible]
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	-		7P	G. E. BURY	[illegible]
SHARON	7986	STEELE	10	47 36	97 54	1516	8P	8P	HULH LYON	[illegible]
SHERWOOD 3 N	8047	RENVILLE	12	49 00	101 38	1647		6P	U S CUSTOMS SERVIC	[illegible]
SHEYENNE	8057	EDDY	11	47 50	99 07	1480		MID	ALVIN H. KENNEDY	[illegible]
SHIELDS	8065	GRANT	1	46 14	101 07	-		6P	EDWIN O. CARLSON	[illegible]
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	7P	7P	LEPOY EDWARDS	[illegible] 5
STEELE	8366	KIDDER	8	46 51	99 55	1857	6P	6P	STEELE OZONE PRE[illegible]	[illegible]
SYKESTON	8608	WELLS	5	47 28	99 24	1634		6P	EDWARD SONDAG	[illegible]
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		6P	GEORGE N. PILGARO	[illegible]
TIOGA	8737	WILLIAMS	8	48 24	102 56	2279		6P	L. A. SIMON	[illegible]
TOLLEY 5 NNE	8764	RENVILLE	12	48 47	101 47	1603		5P	HENRY M. CHRISTEN	[illegible]
TOWNER	8792	MC HENRY	12	48 21	100 24	1482	7P	7P	AUGUST B. RIEDER	2 3 5
TROTTERS 6 WNW	8807	MC KENZIE	13	47 21	104 01	2420		5P	WALTER GRUNEWALD	3
TURTLE LAKE	8840	MC LEAN	8	47 31	100 53	1899	8A	8A	[illegible] CKORAT	2 3
TUTTLE	8850	KIDDER	8	47 08	100 50	1880		5P	THEODOR C. OCHSNER	3
UNDERWOOD	8877	MC LEAN	8	47 27	101 08	2026	7A	7A	CLARENCE W. JOHNSON	2 3 5
UPHAM 3 N	8913	MC HENRY	12	48 37	100 44	1425	5P	5P	U S WILDLIFE REFUGE	3
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	6P	6P	MISS I.C. ROBERTSON	2 3 5
VAN HOOK	8970	MOUNTRAIL	8	47 57	102 21	1864	9P	9P	CLOSED - - - - - -	6/16/55
VELVA	8990	MC HENRY	12	48 03	100 55	1511	6P	6P	OSCAR ANDERSON	2 3 5
VERONA	9035	LA MOURE	5	46 22	98 05	1382		6P	WARREN O. TENG	3
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	5P	5P	ST SCH OF SCIENCE	2 3 5
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		6P	FELIX A. GASTONGUAY	3
WARWICK	9185	BENSON	11	47 51	98 42	-		6P	VIRGIL D. JOHNSON	3
WASHBURN	9195	MC LEAN	8	47 17	101 02	1731	6P	6P	FRED KRAUSE	2 3 5
WASHBURN WATER WORKS	9205	MC LEAN	8	47 17	101 02	1730		MID	WASHBURN WATER WK.	3
WATAUGA 8 N, S. DAK.	9219	GRANT	1	46 02	101 34	2074		6P	MARY E. KATUS	3
WATFORD CITY	9233	MC KENZIE	8	47 48	103 17	2084	8P	8P	J. C. ZELLER	2 3 5
WATFORD CITY 11 E	9238	MC KENZIE	8	47 47	103 02	-		MID	IDA PETERSON	3
WESTHOPE	9333	BOTTINEAU	12	48 55	101 01	1508	6P	6P	REV. R. CAREY	2 3 5
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		6P	JONATHAN WINKJER	2
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 35	1877	MID	MID	U S WEATHER BUREAU	2 3 5 7
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1471	8P	8P	O. M. SANDERSON	2 3 5 7
WILTON R R STATION	9455	MC LEAN	8	47 09	101 08	2159	8A	8A	SOO LINE AGENT	2 3
WISHEK	9515	MC INTOSH	8	46 16	99 34	2010	5P	5P	CARL EISSINGER	2 3
WOODWORTH 5 E	9575	STUTSMAN	5	47 09	99 12	-		6P	JOHN ROHRER	3
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		6P	OLA SEVERTSEN	3

NEW STATIONS

NEWTOWN	6383	MOUNTRAIL	8	47 59	102 29	1905	6P	6P	EPWIN A. VENTSCH	2 3 5
WATFORD CITY 14 S	9246	MC KENZIE	7	47 36	103 17	-		5P	THEO. ROOSEVELT NMP	3

NEWTON RECORD WILL BE A CONTINUATION OF THE SANISH RECORD

DRAINAGE CODE: 1. CANNONBALL 2 DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6 KNIFE 7. LITTLE MISSOURI 8 MISSOURI 9. PEMBINA 10. RED 11. SHEYENNE 12. SOURIS 13. YELLOWSTONE

REFERENCE NOTES

The four digit identification numbers in tbe index number column of the Station lndex are assigned on a state basis. There will be no duplication of numbers witbin a state.

Figures and letters following the station name, sucb as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in tbe Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of tbis bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

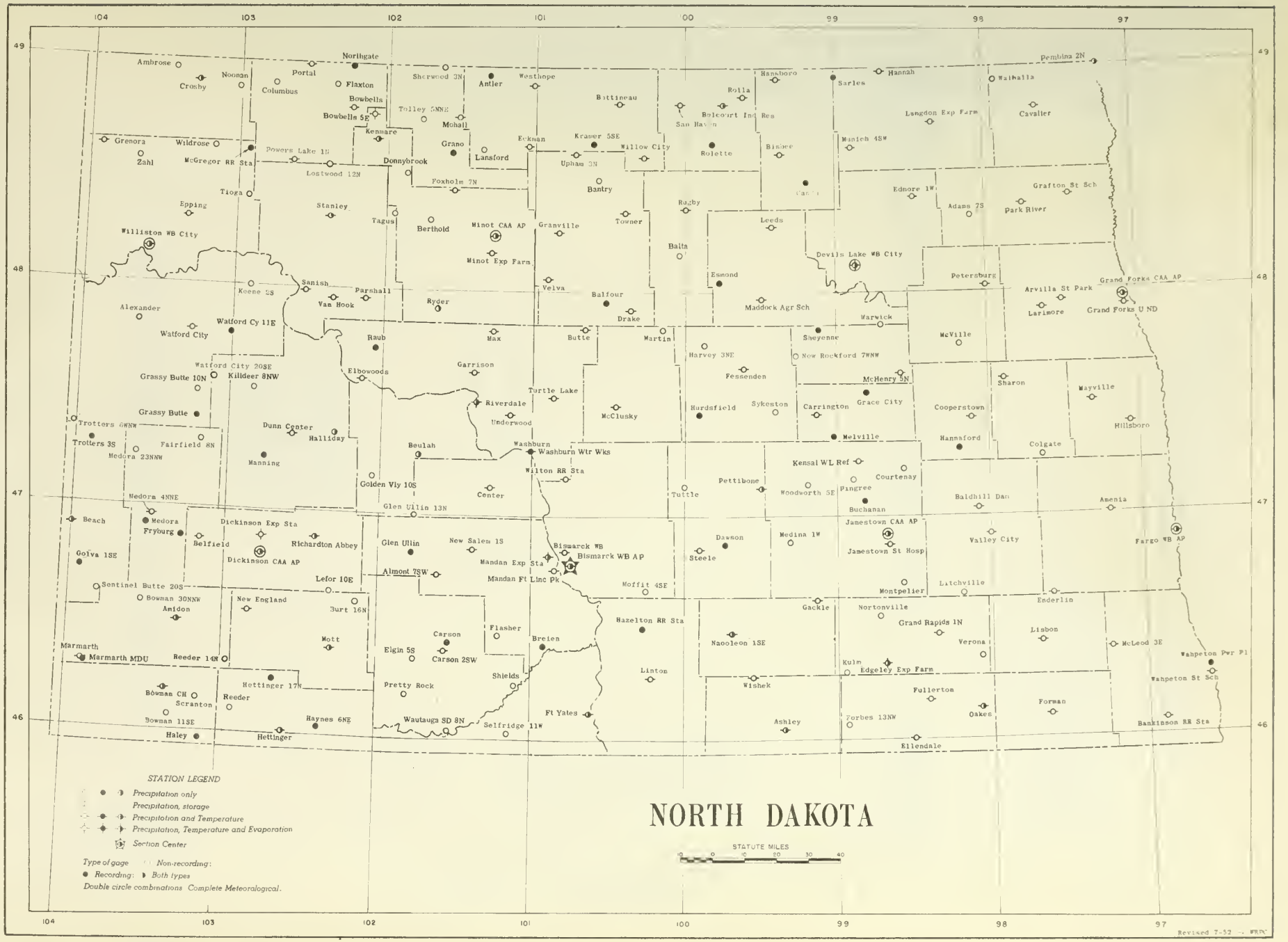
Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station lndex for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. lt is measured at selected stations when the depth of snow on the ground is two inches or more.

-	No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+	And also on a later date or dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
E	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
R	Daily values and monthly total from recording gage.
T	Trace, an amount too small to measure.
V	Includes total for previous month.
SS	Tbis entry in time of observation column in Station lndex means observation made near sunset.

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W.R.P.C., Kansas City, Mo. -- 1-12-53 -- 1050


104
103
102
101
100
99
98
97
49
48
47
46
Ambrose
Northgate
Portal
Crosby
Noonan
Columbus
Flaxton
Sherwood 3N
Antler
Westhope
Bowbells
Bowbells 5E
Tolley 5NNE
Mohall
Kenmare
Grenora
Wildrose
Zahl
McGregor RR Sta
Powers Lake 1E
Lostwood 12N
Donnybrook
Grano
Lansford
Eckman
Kraser 5SE
Willow City
Upham 3N
Bantry
Foxholm 7N
Battineau
Rolla
Belcourt Ind Res
San Haven
Hansboro
Hannah
Sarles
Pembina 2N
Walhalla
Langdon Exp Farm
Cavalier
Rolette
Bisbee
Minich 4SW
Edmore 1W
Grafton St Sch
Park River
Adams 7S
Leeds
Rugby
Towner
Tioga
Epping
Stanley
Tagus
Berthold
Minot CAA AP
Granville
Minot Exp Farm
Williston WB City
Balta
Devils Lake WB City
Esmond
Petersburg
Grand Forks CAA AP
Arvilla St Park
Grand Forks U ND
Larimore
Maddock Agr Sch
Warwick
Sheyenne
McVille
Keene 2S
Sanish
Parshall
Van Hook
Velva
Balfour
Drake
Ryder
Alexander
Watford City
Watford Cy 11E
Raub
Max
Butte
Martin
Harvey 3NE
New Rockford 7WNW
Watford City 20SE
Killdeer 8NW
Grassy Butte 10N
Elbowoods
Garrison
Fessenden
McHenry 5N
Sharon
Mayville
Grace City
Grassy Butte
Trotters 6WNW
Trotters 3S
Fairfield 8N
Medora 23NNW
Dunn Center
Halliday
Riverdale
Turtle Lake
Underwood
McClusky
Hurdsfield
Sykeston
Carrington
Cooperstown
Hillsboro
Melville
Hannaford
Colgate
Beulah
Washburn
Washburn Wtr Wks
Manning
Wilton RR Sta
Kensal WL Ref
Courtenay
Pettibone
Pingree
Woodworth 5E
Buchanan
Baldhill Dam
Arenia
Golden Vly 10S
Center
Tuttle
Medora 4NNE
Glen Ullin 13N
Beach
Medora
Fryburg
Belfield
Dickinson Exp Sta
Richardton Abbey
Dickinson CAA AP
Golva 1SE
Glen Ullin
New Salem 1S
Bismarck WB
Bismarck WB AP
Mandan Exp Sta
Mandan Ft Linc Pk
Almont 7SW
Lefor 10E
Sentinel Butte 20S
Bowman 30NNW
Amidon
New England
Burt 16N
Moffit 4SE
Dawson
Steele
Medina 1W
Jamestown CAA AP
Jamestown St Hosp
Valley City
Fargo WB AP
Montpelier
Litchville
Gackle
Nortonville
Enderlin
Hazelton RR Sta
Grand Rapids 1N
Lisbon
Carson
Flasher
Breien
Mott
Marmarth
Marmarth MDU
Reeder 14N
Elgin 5S
Carson 2SW
Naooleon 1SE
Verona
McLeod 3E
Wahpeton Pwr Pl
Kulm
Edgeley Exp Farm
Wahpeton St Sch
Linton
Shields
Pretty Rock
Hettinger 17N
Bowman CH
Scranton
Reeder
Wishek
Fullerton
Forman
Oakes
Bowman 11SE
Haynes 6NE
Wautauga SD 8N
Ft Yates
Selfridge 11W
Ashley
Forbes 13NW
Bankinson RR Sta
Haley
Hettinger
Ellendale
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Section Center
Type of gage ○ Non-recording:
● Recording: ◗ Both types
Double circle combinations Complete Meteorological.
NORTH DAKOTA
STATUTE MILES
0 10 20 30 40
Revised 7-52 - WBDC

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CLIMATOLOGICAL DATA

NORTH DAKOTA

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DECEMBER 1952
Volume LXI No. 12



See note concerning "Hourly Precipitation Data" on page 158 of this issue.

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NAT. HIST.

KANSAS CITY: 1953

NORTH DAKOTA - DECEMBER 1952

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

December was a warm, dry month. It was the warmest December since 1943. Only ten other Decembers had higher state average temperatures. There were only four drier Decembers sinc state-wide records began, the most recent being .06 inch in 1944. No severe storms were re ported.

The mean temperature for the state was 19.3° which is 5.3° above normal. The eastern division averaged 17.4° which is 4.7° above normal; the middle division averaged 18.7° which is 5.4° above normal; and the western division averaged 21.8° which is 5.7° above normal. The highest mean temperature was 26.5° at Hettinger in the southwest part of the state, and the lowest mean temperature was 13.6° at Munich in the northeast part of the state. The highes temperature for the month was 56° at Bowman and at Hettinger on the 15th. The lowest temperature was 16° below zero at Langdon on the 18th.

Precipitation for the month averaged 0.17 inch which is 0.31 inch below normal. The easter division averaged 0.28 inch which is 0.26 inch below normal; the middle division averaged 0.14 inch which is 0.31 inch below normal; and the western division averaged 0.08 inch whic is 0.37 inch below normal. Only four stations in the combined middle and western divisions reported more than a quarter of an inch of moisture. The average snowfall for the state wa 2.2 inches, the least since 1944. In the western division the snowfall averaged only 1.0 inch. The greatest amount of snowfall was 8.3 inches at Wahpeton. Many stations in the western part of the state had only a trace.

Temperatures were above normal on all but three or four days during the entire month in all sections of the state. Below-zero temperatures were infrequent and many stations reported the highest December minimum readings of record. The coldest period occurred in the northeastern part of the state during the last week of the month. The mild temperatures, below-normal snowfall and light wind made this month one of the most pleasant Decembers on record The highest wind velocities at nearly all stations were below 36 miles per hour. The October-December average precipitation for the state was 0.68 inch, the least for this period for any year since records began. Subsoil moisture was low at the end of the year. Some of the ground was so dry that it did not freeze hard. Basement digging and highway construction continued throughout the month. Rivers and lakes were frozen, but ice was thinne than usual. Grazing conditions were good during December and livestock continued in good condition. Livestock were able to fully utilize the range feed available, for nowhere in the state was snow cover heavy enough to prevent livestock from finding feed.--FJB

ANNOUNCEMENT

Hourly precipitation data were published in Climatological Data through September 1951, at which time it was necessary to discontinue publication of hourly amounts, because of withdrawal of fiscal support.

Recent developments make possible the resumption of publication of these data in a new bulletin entitled "Hourly Precipitation Data". There will be one bulletin for each of the 42 climatological sections in the United States and one for Alaska. (Climatological sections correspond to States except that the six New England States comprise a single section and Maryland and Delaware comprise another.)

"Hourly Precipitation Data" will be issued monthly, with a annual summary issue. The first month to be published will b October 1951, and publications thereafter will be as rapid an as regular as funds permit. The price will be 10 cents per copy $1.00 per year (including the annual). Checks and money order for subscriptions should be made payable to the "Treasurer of th United States". Remittances and correspondence should be sen to the Superintendent of Documents, Government Printing Office Washington 25, D. C.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m p.h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	2:30a CST	6:30a CST	2:30p CST	6:30p CST	Trace	.01—.09	.10—.49	.50—.99	1.00—1.99	2.00 and over	Total		
Bismarck WB Airport	NW	12	6.8	33	W	6	83	84	72	75	8	6	0	0	0	0	14	48	6.2
Devile Lake WB City	-	-	7.1	23	SE	2	-	-	-	-	22	3	0	0	0	0	25	49	6.9
Fargo WB Airport	S	18	11.2	35	SE	6	82	81	75	82	9	8	2	0	0	0	19	45	7.0
Williston WB City	-	-	4.9	21	W	4	83	85	76	77	7	4	0	0	0	0	11	65	6.3

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1892	7.1	60	-39	0.57	7.7	4
1893	4.7	55	-36	0.85	8.4	6
1894	19.1	70	-32	0.29	1.6	2
1895	13.8	62	-32	0.31	2.6	3
1896	16.4	53	-35	0.36	2.6	3
1897	10.8	69	-35	0.22	2.2	3
1898	12.1	51	-38	0.24	2.1	3
1899	12.8	60	-26	0.32	3.3	3
1900	17.3	58	-29	0.31	3.0	4
1901	12.4	61	-43	0.74	7.2	5
1902	7.8	49	-35	0.51	4.2	4
1903	11.6	57	-33	0.77	7.2	6
1904	14.2	55	-43	0.65	6.2	5
1905	15.3	55	-34	0.16	1.6	4
1906	8.4	48	-40	1.09	10.7	6
1907	20.1	68	-26	0.30	3.1	3
1908	14.4	62	-37	0.36	3.7	3
1909	5.2	54	-42	1.28	12.1	7
1910	12.9	56	-34	0.43	4.6	4
1911	14.9	61	-33	0.35	4.5	4
1912	18.9	72	-28	0.43	4.0	4
1913	22.7	61	-21	0.06	0.3	1
1914	5.4	57	-42	0.47	5.7	4
1915	15.8	57	-27	0.52	5.4	5
1916	2.7	61	-50	1.18	13.9	5
1917	0.7	58	-44	0.59	7.4	6
1918	18.5	65	-41	0.88	9.9	5
1919	7.4	49	-38	0.47	4.8	3
1920	15.2	59	-32	0.32	3.2	3
1921	16.5	59	-33	0.41	3.9	4
1922	8.5	55	-34	0.68	7.4	5
1923	22.2	62	-36	0.32	3.6	3
1924	2.9	58	-46	0.44	5.3	4
1925	16.5	67	-38	0.28	2.6	3
1926	9.2	55	-36	0.56	5.5	3
1927	1.8	43	-38	0.80	8.7	5
1928	20.7	57	-30	0.32	3.2	3
1929	12.5	59	-38	0.81	9.9	5
1930	19.9	53	-30	0.19	2.0	3
1931	21.0	58	-21	0.23	2.7	2
1932	12.4	60	-31	0.20	1.7	3
1933	8.6	62	-38	0.90	9.7	6
1934	12.6	53	-44	0.30	3.9	5
1935	12.6	51	-34	0.50	5.6	5
1936	15.0	59	-36	0.43	5.5	4
1937	11.4	51	-33	0.54	6.5	6
1938	18.2	55	-41	0.32	4.1	4
1939	26.7	70	-20	0.28	2.3	4
1940	19.8	59	-36	0.42	4.0	4
1941	22.5	66	-20	0.15	1.8	3
1942	10.9	53	-30	0.53	7.1	7
1943	21.5	65	-22	0.12	1.0	2
1944	15.8	50	-27	0.06	0.9	1
1945	7.0	56	-38	0.64	8.8	6
1946	13.3	55	-35	0.58	6.2	6
1947	14.2	54	-36	0.42	5.5	4
1948	10.4	59	-35	0.70	9.7	7
1949	8.6	61	-38	0.65	8.3	6
1950	10.0	54	-39	0.57	7.4	6
1951	6.1	56	-38	0.73	7.8	8
1952	19.3	56	-16	0.17	2.2	3

Averages for the period 1948 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

NORTH DAKOTA
DECEMBER 1952

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail: Total	Max. Depth on Ground	Date	No. of Days: .01 or More	.50 or More	1.00 or More
EASTERN DIVISION																									
Amenia		26.9	10.5	18.7	5.9	38	8	- 5	27	1426	0	26	31	5	.15	- .37	.06	11	5.0	2	11+	3	0	0
Arvilla State Park		26.5	7.3	16.9		39	15	- 8	29+	1485	0	28	31	8	.26		.17	22				3	0	0
Carrington		26.6	4.5	15.6M	3.0	49	8	- 5	12+		0	26	31	11	.17	- .24	.08	4+				3	0	0
Cavalier		26.9	9.5	18.2	7.7	41	7+	- 6	27	1442	0	27	31	8	.08	- .61	.05	4		1	3+	2	0	0
Cooperstown		25.8	7.6	16.7	3.7	37	7	-11	18	1487	0	29	31	8	.30	- .28	.15	11+	4.0			2	0	0
Devils Lake WB City	R	25.2	7.9	16.6	7.1	48	7	- 7	18	1493	0	27	31	8	.06	- .48	.03	3	1.6	1	4+	3	0	0
Edgeley Exp. Farm		26.1	7.8	17.0	2.0	39	7	- 4	19		0	26	31	2	.17	- .32	.13	11		2	11+	2	0	0
Edmore 1 W		24.1	3.3	13.7	3.2	38	31	-14	18	1581	0	28	31	13	.03	- .51	.03	4	1.0	1	4+	1	0	0
Ellendale		30.4	11.7	21.1	4.8	43	6	- 3	14	1353	0	22	31	1	.28	- .18	.08	11	2.2	1	3+	5	0	0
Enderlin		25.6	9.9	17.8		38	8	- 5	18		0	27	31	3	.60		.25	9	5.9			5	0	0
Fargo WB Airport	R//	26.4	10.9	18.7	7.2	40	7	- 4	27	1430	0	26	31	4	.47	- .25	.10	3+	6.3	3	23+	10	0	0
Forman		27.9	11.5	19.7	4.4	43	8	- 7	14	1397	0	27	31	3	.31	- .25	.24	11				2	0	0
Fullerton		28.1	9.8	19.0	3.8	42	6	- 7	14	1417	0	24	31	4	.40	- .37	.30	11	3.6	3	11+	4	0	0
Gackle		29.0	8.3	18.7M	4.2			0	12+	1427	0		31	2	.25	- .20	.15	22	2.5	2	22	2	0	0
Grafton State School		24.3	6.5	15.4	4.7	38	15	-11	18+	1528	0	29	31	9	.23	- .30	.15	22	3.8	3	26+	3	0	0
Grand Forks CAA AP		25.6	9.8	17.7	6.7	37	7+	- 5	26	1461	0	25	31	8	.22	- .40	.09	22	2.7	2	22+	5	0	0
Grand Forks University		25.1	12.4	18.8	7.8	37	7+	- 3	18	1428	0	26	31	6	.30	- .32	.16	22	4.9			4	0	0
Grand Rapids 1 N		27.4	6.9	17.2		39	6+	-12	18	1476	0	25	31	10	.27		.18	11	3.0	4	22+	2	0	0
Hankinson RR Station		28.3	9.6	19.0	1.3	42	9	- 8	27		0	22	31	7	.52	.00	.18	12				6	0	0
Hannah		23.2	5.7	14.5	6.9	35	7+	-13	18	1561	0	28	31	12	.15	- .44	.06	3+	1.3	1	3+	4	0	0
Hillsboro		26.6	10.4	18.5M	6.5	38	8			1433	0	26	31	7	.34	- .30	.16	22	4.4			5	0	0
Jamestown CAA AP		26.3	6.7	16.5	2.6	37	6	- 6	18	1494	0	24	31	8	.49	- .16	.22	11	4.7	2	11+	5	0	0
Jamestown State Hospital		26.4	9.2	17.8	3.9	36	31	- 3	14+	1455	0	24	31	5	.44	- .21	.15	22	4.0			4	0	0
Kensal Wildlife Refuge		28.1	5.9	17.0		41	7	-10	14+	1479	0	22	31	10	.26		.15	11	3.5	2	11+	2	0	0
Langdon Exp. Farm		23.9	5.0	14.5M	5.7	39	15	-16	18	1561	0	28	31	13	.09	- .54	.05	4	.9	1	4+	3	0	0
Larimore		26.4	9.5	18.0	6.5	40	15	- 8	27	1450	0	27	31	6	.06	- .50	.02	3+				3	0	0
Lisbon		24.7	9.6	17.2M	2.4	37	6+	0	1+	1476	0	27	31	2	.41	- .10	.10	3+				5	0	0
Mayville		26.4	11.4	18.9	5.6	40	7	- 1	18+	1421	0	27	31	4	.31	- .21	.12	22	3.7	2	22+	7	0	0
McHenry 5 N		24.1	6.3	15.2	4.4	38	7	- 9	18	1537	0	28	31	8	.22	- .27	.10	11	2.7	2	11+	6	0	0
McLeod 3 E		28.0	9.9	19.0	3.9	48	7	-10	27	1423	0	26	31	4	.43	- .03	.33	11				5	0	0
Munich 4 SW		22.6	4.5	13.6		35	31	-14	18	1587	0	30	31	13	.06		.03	3		1	3+	3	0	0
Oakes		26.5	6.7	16.6	.4	41	9	- 8	14+		0	25	31	8	.61	.11	.23	11	7.3	5	22+	4	0	0
Park River		26.2	11.6	18.9	7.8	42	15	- 5	18	1420	0	27	31	1	.09	- .42	.06	22		1	22+	3	0	0
Pembina 2 N		27.5	8.9	13.2	11.2	41	7+	-10	18	1440	0	25	31	7	.04	- .58	.04	21	.5	T	3+	1	0	0
Petersburg		26.1	7.5	16.8		38	7+	- 8	18	1487	0	26	31	9	.25	- .23	.20	22	2.9	3	22+	2	0	0
Sharon		24.1	8.2	16.2	4.0	35	7+	- 6	18+	1508	0	28	31	7	.20	- .28	.10	22	3.2	4	22	4	0	0
Valley City		25.7	10.2	18.0	3.5	35	8	- 6	27	1451	0	27	31	5	.50	- .08	.17	8	5.0			4	0	0
Wahpeton State School		28.3	12.8	20.6	4.8	44	8	- 7	18	1371	0	23	31	3	.72	.22	.19	11	8.3	4	11+	7	0	0
DIVISION				17.4	4.7										.28	- .26			3.7					
MIDDLE DIVISION																								
Ashley		28.3	9.5	18.9	4.1	43	6	- 3	18	1421	0	21	31	4	.25	- .25	.15	22	.2	1	1+	3	0	0
Belcourt Indian Res.		25.7	5.1	15.4		47	15	-10	18	1531	0	25	31	10	.05		.02	3+	T	T	3+	3	0	0
Bisbee		25.0	8.7	16.9	7.2	40	15	- 6	18	1487	0	27	31	4	.04	- .39	.04	4	.5	1	4	1	0	0
Bismarck WB City		32.7	10.0	21.4	5.7	45	7+	- 4	18		0	12	31	3	.11	- .37	.06	11	1.3	1	11+	4	0	0
Bismarck WB Airport	R	33.0	7.8	20.4	7.6	47	5	- 4	18	1374	0	13	31	5	.14	- .43	.04	11	2.4	1	13+	6	0	0
Bottineau		22.9	4.5	13.7	5.4	37	16	-11	18		0	27	31	10	.06	- .41	.06	4	.7	1	4+	1	0	0
Butte		28.7	8.8	18.8M	4.0						0		31		.17	- .32	.11	11	3.2	2	11+	2	0	0
Carson No. 2		34.7	11.4	23.1M	6.5	49	16	0	14		0		31	1	.03	- .45	.01	8+	1.0	1	13+	3	0	0
Center		34.9	9.1	22.0	5.6	47	5	- 3	25	1326	0	11	31	3	.18	- .26	.10	11	.1	T	3+	3	0	0
Drake		27.5	7.8	17.7M	2.3			- 4	18		0	22	31	7	.14	- .27	.08	4				2	0	0
Eckman		25.6	2.9	14.3	4.0	39	8	-11	18		0	25	31	15	.20	- .27	.10	4+	2.0	1	4+	2	0	0
Fessenden		29.0	7.1	18.1	6.3	46	7	- 7	22	1448	0	23	31	4	.17	- .39	.13	11		2	11+	3	0	0
Fort Yates											0		31		.18	- .20	.10	21				2	0	0
Foxholm 7 N		30.6	6.8	18.7	4.5	45	7	- 4	30	1428	0	19	31	6	.14	- .37	.09	11	1.9	2	11+	2	0	0
Garrison		31.1	9.7	20.4	6.0	45	7	0	17+	1378	0	18	31	2	.12	- .36	.05	11		1	11+	5	0	0
Granville		28.3	7.3	17.8	4.8	43	31	- 6	18	1454	0	23	31	8	.17	- .29	.12	11	2.0	2	11+	2	0	0
Hansboro		24.8	8.0	16.4M	7.2	42	31			1500	0		31		.05	- .49	.03	3	1.0	1	4+	2	0	0
Leeds		25.8	6.5	16.2		44	7	- 6	30	1507	0	27	31	9	.13		.09	8		2	8	4	0	0
Linton		32.3	9.1	20.7	5.4	46	6	- 6	23	1367	0	16	31	5	.30	- .09	.08	22	3.5	2	22+	5	0	0
Maddock Agr. School		25.8	6.2	16.0	4.6	42	7	-11	18	1512	0	27	31	10	.21	- .22	.11	11				3	0	0
Mandan Exp. Station		31.8	9.5	20.7	5.6	47	6	- 2	18		0	16	31	2	.13	- .32	.08	11	1.4	1	11+	3	0	0
Mandan Fort Lincoln Park		35.8	9.4	22.6M		48	5	- 5	12	1307	0	10	31	4	.10		.04	11	1.1	1	3	4	0	0
Max		29.1	8.5	18.8M	4.4	42	7	- 4	18		0	24	31		.13	- .27	.10	11		2	11+	2	0	0
McClusky		27.4	10.7	19.1	5.4	46	7	- 3	18	1418	0	24	31	2	.22	- .30	.14	11		2	11+	5	0	0
Minot CAA AP		28.6	11.7	20.2	7.1	43	7	0	29+	1384	0	22	31	2	.24	- .22	.16	11	2.4	2	11+	6	0	0
Minot Exp. Farm		29.2	10.6	19.9		45	7	0	30	1391	0	22	31	1	.16		.11	11	3.7	4	11+	3	0	0
Mohall		26.6	7.2	16.9	5.2	37	7			1494	0	26	31		.14	- .28	.08	11	1.5	1	4+	3	0	0
Napoleon 1 SE		29.8	9.3	19.6	6.2	43	5+	- 7	18	1401	0	17	31	4	.23	- .22	.08	11	2.5	1	11+	6	0	0
New Salem 1 S		33.7	12.6	23.2M	7.0	47	5+	- 1	14	1293	0	15	31	1	.04	- .47	.03	20	.3	0		2	0	0
Pettibone		30.0	10.2	20.1	8.4	45	7	- 5	18	1385	0	20	31	1	.21	- .23	.17	11	3.8	3	11+	4	0	0
Riverdale		29.9	10.3	20.1		44	6	- 1	14		0	19	31	2	.08		.05	11	1.8	1	11+	4	0	0
Rolla		24.3	7.3	16.1	5.9	43	15	- 3	14+	1511	0	27	31	6	.09	- .40	.03	4+	.9	1	4+	4	0	0
Rugby		26.5	8.3	17.4		40	31	- 4	23	1471	0	27	31	4	.17	- .30	.05	4	3.9			6	0	0
San Haven		25.3	9.5	17.4	7.1	46	15	- 5	18	1463	0	28	31	4	.04	- .39	.02	3+	.5	1	1+	2	0	0
Steele		31.6	9.4	20.5	7.3	45	5	- 5	18	1372	0	17	31	4	.10	- .39	.06	11	.7	1	11+	2	0	0

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

TABLE 2 CONTINUED

NORTH DAKOTA
DECEMBER 1952

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail: Total	Max. Depth on Ground	Date	No. of Days: .01 or More	.50 or More	1.00 or More
Towner	29.5	5.8	17.7	6.5	43	31	- 8	18	1459	0	22	31	10	.14	- .35	.06	19	3.0	1	4+	3	0	0
Turtle Lake	31.7	9.7	20.7M	7.4					1368	0		31		.21	- .25	.14	11	2.5	2	11	2	0	0
Underwood	30.3	8.9	19.6	3.4	45	6	- 1	18		0	19	31	1	.15	- .28	.09	11				3	0	0
Upham 3 N	26 7	5.3	16.0		40	31	-10	18	1511	0	25	31	12	.10		.10	11	1.0			1	0	0
Velva	29.3	8.5	18.9	3.9	44	7	- 5	12+	1424	0	21	31	6	.30	- .17	.16	11	4.0	2	4+	4	0	0
Washburn	33.4	8.2	20.8M	5.3	46	31	- 1	12+	1358	0	14	31	5	.10	- .33	.06	11	1.7			3	0	0
Westhope	25.1	6.6	15.9	5.7	40	31	- 8	18	1517	0	28	31	7	.12	- .30	.09	4	2.0	2	4	2	0	0
Willow City	25.4	4.2	14.8M	5.6	40	31	-12	18	1548	0		31		.09	- .51	.06	4	1.5	2	11+	2	0	0
Wilton RR Station	29.5	10.6	20.1	5.3	41	6+	0	18		0	19	31	1	.13	- .32	.05	14	1.5	1	12+	3	0	0
Wishek	30.8	8.4	19.6	4.7	43	6	- 5	26	1401	0	16	31	6	.23	- .20	.18	22				2	0	0
DIVISION			18.7	5.4										.14	- .31			1.8					
WESTERN DIVISION																							
Almont 7 SW	35.8	15.2	25.5		50	5	3	14	1216	0	14	31	0	.03		.02	19	.6	T	11+	2	0	0
Amidon	35.8	15.4	25.6	6.5	51	6	7	13+		0	12	31	0	.10	- .29	.10	11	1.5	1	1+	1	0	0
Beach	35.0	12.2	23.6	5.2	48	16	- 3	13+		0	10	31	2	.08	- .39	.06	11		2	1+	3	0	0
Belfield	35.3	11.3	23.6	3.8	52	15	- 6	24	1277	0	10	31	2	.09	- .39	.07	8	T	2	1+	2	0	0
Bowbells	26.4	5.8	16.1M	3.2	43	6	- 6	18		0		31	8	.32	- .06	.21	11	3.5	3	18+	3	0	0
Bowman Court House	39.8	12.6	26.2M	8.6	56	15	4	14	1190	0	7	31	0	T	- .35	T	3+	T			0	0	0
Crosby	29.3	7.4	18.4	5.5	46	7	- 3	30	1440	0	23	31	5	.09	- .41	.08	11	1.0	1	11+	2	0	0
Dickinson CAA AP	36.3	12.9	24.6	7.8	50	5+	- 1	24	1245	0	11	31	1	.01	- .45	.01	10	.1	T	4+	1	0	0
Dickinson Exp. Sta.	36.8	9.0	22.9	6.1	50	16	- 4	13		0	10	31	3	T	- .46	T	4+	.1	1	1+	0	0	0
Dunn Center	35.3	7.6	21.5	3.5	49	6	- 3	14		0	14	31	3	T	- .41	T	11+	T	T	11+	0	0	0
Elbowoods	35.3	8.6	22.0M	6.1	48	7	- 3	12+	1320	0	13	31	7	T	- .40	T	12	T	0		0	0	0
Epping	31.3	10.4	20.9	5.7	45	5+	- 1	13	1361	0	18	31	3	T	- .45	T	11	T	0		0	0	0
Grenora	30.6	9.9	20.3	8.0	48	6	- 2	13	1377	0	18	31	2	.07	- .45	.06	8	.7	1	8+	2	0	0
Hettinger	38.2	14.7	26.5	8.2	56	15	- 2	24	1187	0	7	31	1	.00	- .37	.00		.0	0		0	0	0
Kenmare	28.7	7.5	18.1	3.9	43	6+	- 4	18+		0	21	31	6	.23	- .20	.18	11		3	11	2	0	0
Lostwood 12 N	28.5	8.5	18.5		43	5+	- 4	18	1432	0	23	31	4	.20		.16	11	3.0	1	11+	3	0	0
Marmarth	38.2	9.0	23.6M	5.1	50	5+	- 6	24	1269	0	10	31		.05	- .35	.03	11	1.1	T	3+	2	0	0
Medora 4 NNE	37.0	5.4	21.2M		51	15	- 9	1+	1356	0	10	31	12	.02		.02	19	.2	1	1+	1	0	0
Mott	39.3	9.1	24.2	8.4	54	5	- 4	14	1257	0	8	31	3	.03	- .45	.03	10	T	0		1	0	0
New England	37.1	10.7	23.9	6.5	54	5	- 4	24	1266	0	11	31	2	.01	- .39	.01	11	.5			1	0	0
Newtown	31.1	10.5	20.8M	7.3	43	5+	0	14	1364	0		31	1	.08	- .37	.06	11	1.5	2	19	2	0	0
Parshall	32.5	7.8	20.2M	5.7	45	5	- 5	18	1383	0	15	31	8	.10	- .31	.09	11	1.1	1	11+	2	0	0
Portal	24.8	5.0	14.9	2.3	45	6	- 9	17+		0	26	31	8	.34	- .11	.21	11	4.5	3	11+	3	0	0
Powers Lake 1 N	28.1	6.5	17.3	1.5	44	5	- 4	13	1472	0	22	31	5	.09	- .45	.09	11	1.0	1	11	1	0	0
Richardton Abbey	37.2	14.9	26.1	9.9	51	15	2	14	1199	0	9	31	0	.02	- .40	.02	11	.6	T	1+	1	0	0
Stanley	28.5	8.2	18.4		43	7	- 2	14	1436	0	22	31	2	.09	- .36	.09	11	1.5			1	0	0
Watford City	33.9	11.4	22.7	7.4	48	7	- 3	13	1307	0	13	31	1	.05	- .48	.03	11	.5	0		2	0	0
Williston WB City R//	32.0	11.8	21.9	8.1	50	6	- 3	13	1329	0	17	31	1	.10	- .48	.04	10+	2.7	1	11+	4	0	0
DIVISION			21.8	5.7										.08	- .37			1.0					
STATE			19.3	5.3										.17	- .31			2.2					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

NORTH DAKOTA
DECEMBER 1952

Station		Total	Day of month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S		.22			.13			.01			T		T	.03																		
ALEXANDER		.08								T			.03								.05			.05		T		T			T	T
ALMONT 7 SW		.03			T								T		.01						.02											
AMBROSE		.16								T	T		.09							T	.07		T									
AMENIA		.15			.04								.06											.05		T						
AMIOON		.10				T							.10	T	T																	
AMIOON	R	.08										.08																				
ANTLER	R	.13			.07								.05											.01								
ARVILLA STATE PARK		.76			.07	T		T					T											.17		T		.02			T	
ASHLEY		.25				.05							.05											.15								
BALTA		.16				T	.10																									
BANTRY		.16			.08	.08						T																		T		
BEACH		.08				.01							.06								.01											
BEACH	R	.10										.07	.01								.02											
BELCOURT INDIAN RES		.05			.02	.02				.01																	T					
BELCOURT INDIAN RES	R	.05			.03	.02																										
BELFIELD		.09								.07			.02																			
BERTHOLD		.27			.03								.14								.10											
BEULAH		T													T						T											
BEULAH	R	.03								.03																						
BISBEE		.04			T	.04							T																			
BISMARCK WB CITY		.11			T	.02				T	.02		.06		T	T					.01					T	T	T	T			
BISMARCK WB AIRPORT	R	.14			.02					.02	T	.02	.04		.03	T				.01	T		T		T	T		T	T			
BOTTINEAU		.06				.06					T		T								T					T						
BOWBELLS		.32				.04				T	T	T	.21	T	T					.07												
BOWMAN COURT HOUSE		T			T						T		T																			
BOWMAN 11 SE		.03			T								.03																			
BOWMAN 30 NNW		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BRIEN	R	.00																														
BUCHANAN	R	.35			.05				.05				.13										.10	.02								
BURT 16 N		T										T									T											
BUTTE		.17				.06							.11	T							T					T						
CANDO	R	.03			.02	.01																										
CARRINGTON		.17				.08							.08									T		.01								
CARSON	R	.00																														
CARSON NO 2		.03								.01			T		.01						.01	T		T	T			T				
CAVALIER		.08			T	.05					T			T	T										.03				T		T	
CENTER		.18			.01								.10							.07												
COLGATE		.13				.03									T									.10								
COLUMBUS		.25			T	.01							.1							.02			.03									
COOPERSTOWN		.30			T	T							.15											.15								
COURTENAY		.27	T	T	T	T					.17													.10								
CROSBY		.09								T			.08							.01	T		T									
CROSBY	R	.21										.10	.02							.02	.03	.01	.03									
DEVILS LAKE W R CITY	R	.06	T	T	.03	T	T	T		.01	T	T	T	T	T	T					.02	T	T	T	T	T	T	T	T	T	T	
DICKINSON CAA		.01			T					T		.01	T										T									
DICKINSON EXP STA		T				T				T			T										T			T						
DONNYBROOK		.35			T								.30	.05																		
DRAKE		.14				.08							.06																			
DUNN CENTER		T											T	T																		
ECKMAN		.20				.10						T	.10			T					T	T										
EDGELEY EXP FARM		.17				T	T			.04			.13																			
EGMORE 1 W		.03				.03					T		T	T							T			T	T	T		T			T	
ELBOWOODS		T												T																		
ELGIN 5 S		T			T					T			T		T						T											
ELLENDALE		.28		T	.07	.01				.06	T	T	.08		T						T			.06	T			T				
ENDERLIN		.60				.08					.25		.12	.07										.08	T							
EPPING		T											T																			
ESMOND	R	.17			.08	.04							.05																			
FAIRFIELD		T				T							T																			
FARGO WB AIRPORT	R //	.47			.10	.02	T	T		.01	T	T	.10	T	.04								.02	.09	.06	.01	.02	T	T	T		T	
FESSENDEN		.17			.03	.01				T			.13								T	T						T				
FLASHER		T														T																
FLAXTON		.33			.02	.02					T		.19	T						T	.10		T									
FORBES 13 NW		.37			.19					.09								T			T		T	.09				T				
FORMAN		.31			T					T	T		.24		T									.07			T					
FORT YATES		.18								.08				T	T							T	.10									
FORT YATES	R	.19								.09													.10									
FOXHOLM 7 N		.14		T	T	.05							.09																			
FRYBURG	R	.03								.03																						
FULLERTON		.40		T	.03	.03				.04	T		.30		T						T				T	T		T	T			
GACKLE		.25			T								.10											.15				T				
GARRISON		.12			.03	T						T	.05		.01					.01	.02				T	T						
GLEN ULLIN 13 N		T																					T									
GOLDEN VALLEY 10S		.06											.03								.03											
GRACE CITY	R	.19	.07										.14										.03									
GRAFTON STATE SCHOOL		.23			.03						T		T	T	T									.15		T		.05		T		T
GRAND FORKS CAA		.22			.03	T		T		T	T	T	T	T	T								.06	.09	T	.01	.03	T	T	T		T
GRAND FORKS UNIV		.30			.02						T	T	T	T	.10									.16	T	T	T	.02		T		
GRAND RAPIDS 1 N		.27			T					T	T		.18											.09								
GRANVILLE		.17			T	.05				T			.12								T											
GRASSY BUTTE	R	.15									.05	.04	.02								.04											
GRASSY BUTTE 10N		.05											.05																			
GRENORA		.07						.01		.06																						
HALEY	R	.05										.02	.03																			
HALLIDAY		.08											.05		.03																	
HALLIDAY	R	.04										.04																				
HANKINSON R R STA		.52				.05					.08	T	.08	.18										.06	.07	T						
HANNAH		.15		T	.06	.06	T	T			T		T		T						.02	T	T		T	T			.01	T		
HANSBORO		.05			.03	.02															T					T			T	T	T	T
HARVEY 3 NE		.17			.02	T							.08								.02					T		T				
HAYNES 5 NE	R	.00																														
HETTINGER		.00																														
HETTINGER 17 N	R	.05										.01	.04																			
HILLSBORO		.34			.01	.10					T	.04	T	T										.16	T	T		.03	T		T	
JAMESTOWN CAA		.49			.07	T	T			.08			.22	T	T	T					T		.08	.04	T	T		T	T			
JAMESTOWN STATE HOSP		.44			.07	T				.08			.14								T		T	.15		T						
KEENE 2 S		.07				.01							.06							T												
KENMARE		.23				.05							.18																			
KENMARE	R	.23			.05							.05	.13																			
KENSAL WILOLIFF REF		.26			T					T			.15	T							T			.11								
KILLDEER 8 NW		T								T				T																		
KULM		.37			.05					.06			.12											.14								
LANGDON EXP FARM		.09			.03	.05															T			T		.01						
LANSFORD		.25			.05								.11		.05					T	.04					T				T		
LARIMORE		.06			.02						T			T	.02									.02								
LEEDS		.13			.02	.01				.09			T	T							T	.01			T			T				
LEFOR 10 F		T			T					T		T									T											
LINTON		.30			.05					.05			.06		T	T				T	T		.06	.08		T	T	T				
LISBON		.41			.10	.04					.10		.07											.10		T						
LITCHVILLE		.29			T	.06				.02			.10		T									.11								
LOSTWOOD 12 N		.20			T	.01							.16								.03		T									
MADDOCK AGR SCHOOL		.21			.06	.04				T			.11								T					T		T				
MANDAN EXP STATION		.13			T	T					.02		.08	T	T	T					T	.03				T	T					
MANDAN FT LINCOLN PARK		.10			.02					.02			.04		T						.02					T						
MANNING	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
MARMARTH		.05			.02						T		.03																			
MARMARTH M O U CO	R	.03										.02	.01																			

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Total	Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARTIN	.09				.03				.01			.08								T							T					
MAX	.14											.10								T											
MAYVILLE	.31			.06	.05		T			.01	T	.03	.01	.03									.12						T	T	
MC CLUSKY	.27			.03	.02							.14		.01						.02											
MC HENRY 5 N	.32			.01	.01				.04	.02		.10											.04								
MC LEOD 3 E	.43			.01					.03			.33	T										.07	.04	T						
MC VILLE	.70			T	.09							.03											.12								
MEDINA 1 W	L .79			T					.10			.12											L .07								
MEDORA	.03																														
MEDORA 6 NNE	.02		T						T											.02											
MEDORA 23 NNW	.05																		.05												
MELVILLE R	.17																														
MINOT CAA	.24			.02	T				T		.01	.12										.04	.01								
MINOT EXP FARM	.16			.02	.03					T		.16	T	.01					.03	.01				T	T		T		T	T	
MOFFIT 4 SE	.02			T	T				T			.11		T						T					T		T				
												.02		T						T		T	T		T		T				
MOHALL	.14			.02	.04							.08		T					T			T		T							
MONTPELIER	.42			.12	T				.11			.09		T						T		T	.10				T				
MOTT	.03				T					T	.03			T	T					T		T									
MUNICH 4 SW	.06			.03	.01					T		.02		T						T				T		T		T			
NAPOLEON 1 SE	.23			.02	T				.02			.08		T						T		.04	.06		.01						
																						.10									
NAPOLEON 1 SE	.20								.03			.07																			
NEW ENGLAND	.01											.01																			
NEW ROCKFORD 7 WNW	.13			T	T				T			.13								T					T		T				
NEW SALEM 1 S	.04			T								.01							T		.03										
NEWTOWN	.08			T								.06	T							.02											
NOONAN	.15											.15																			
NORTHGATE R	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–									
NORTONVILLE	–								.08			.11											–								
OAKES	.61				.10					.13		.23	T										.15	T	T						
PARK RIVER	.09			.02						T													.06			.01		T			
PARSHALL	.10									T		.09		.01						T								T			
PEMBINA 2 N	.04			T	T																	.04									
PETERSBURG	.25			.05									T										.20				T				
PETTIBONE	.21			.01					.02			.17										T	.01								
PETTIBONE R	.18								.03			.15																			
PINGREE	.46			.01	T				T			.25								T			.20								
PORTAL	.34				.05							.21							T	.08											
POWERS LAKE 1 N	.09			T								.09																			
PRETTY ROCK	T					T				T		T																			
REEDER	.03																														
REEDER 14 N	.01											.01																			
RICHARDTON ABBEY	.02								T			.02		T						T											
RICHARDTON ABBEY	.05								.02		.01	.02																			
RIVERDALE	.08				.01						T	.05	T	T	.01					T	.01				T				T		
ROLLA	.09		.01	.02	.03	T						.03								T				T	T		T				
RUGBY	.17			.03	.05							.04	.01							.02					T		.02				
RYDER	.09				.03					T		.06																			
RYDER R	.12			.02	.02							.08																			
SAN HAVEN	.04			.02	.02							T								T											
SCRANTON	T									T		T																			
SELFRIDGE 11 W	.17			T			.02					.04		T								.09	.02								
SENTINEL BUTTE 20 S	.12		T							T		.12																			
SHARON	.29			T	.02	T	T		T			.07	T	.01									.10			T					T
SHERWOOD 3 N	.20			.06	.02							.10		T						T		.02									
SHEYENNE R	.15											.13								.02											
SHIELDS	T								T														T								
STANLEY	.09			T								.09																			
STANLEY R	.07										.01	.06																			
STEELE	.10			T	T				T			.06			T					T		.04	T				T				
STYKESTON	.13			T								.13								T							T				
TAGUS	E .10			.02	F.01																										
TIOGA	.10											.07		T					T					T							
TOLLEY 5 NNE	.22			.02	.05							.05								.05											
TOWNER	.14			T	.03				T			.15		T					T		T										
TROTTERS 6 WNW	.03			T					.02			.05								.06											
																				.01											
TURTLE LAKE	.21			T	.07							.14		T	T					T											
TUTTLE	.22			.03	T				.05			.11								.02		T			T		.01				
UNDERWOOD	.15				.04							.09	.02	T	T																
UPHAM 3 N	.10			T								.10		T						T											
VALLEY CITY	.50			.06					.17	T		.16								T			.11	T							
VELVA	.30			.04	.08				T			.16		T						.02	T		–		T		T				
VERONA	–			T	T	T			.10														.08	.17	T				T		
WAMPETON STATE SCHOOL	.72			.03	.15					.08		.19	.02	T			.20							T						T	
WALHALLA	T			T										T				T					.08								
WARWICK	–				.05																		–								
WASHBURN	.10			.03								.06		.01						T							T				
WASHBURN WATER WKS R	.14			.05							.02	.07																			
WATAUGA 8 N S OAK	T			T							T																				
WATFORD CITY	.05											.03								T	T										
WATFORD CITY 11 E R	.06											.04								.02											
																				.02											
WATFORD CITY 14 S	.06											.04								.02											
WESTHOPE	.12				.09							.03																			
WILDROSE	.18									T		.13								.05		T							T		
WILLISTON WB CITY R	.10								T	T	.04	.01	T	T					.01	.04		T	T		T						
WILLOW CITY	.09		T		.06	T			T			.03	T							T							T				
WILTON RR STATION	.13				T							.04	.04		.05						T		.18								
WISHEK	.23											.05											T								
WOODWORTH 5 E	.13				T				T			.13																			
ZAHL	.13								T	T		.07	T						.03	.03		T									

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

NORTH DAKOTA
DECEMBER 1952

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7SW	MAX	39	31	32	44	50	48	43	45	34	44	39	32	20	40	47	35	26	21	23	31	30	30	26	26	31	28	42	46	40	41	47	35.8
	MIN	12	17	17	18	21	17	24	29	23	17	17	12	7	3	26	14	7	5	14	15	16	10	5	10	15	11	10	20	19	15	24	15.7
AMENIA	MAX	29	33	32	30	30	32	25	38	33	29	25	21	19	18	36	35	30	19	22	29	30	27	24	22	25	27	25	23	21	19	26	26.9
	MIN	10	13	27	26	11	20	15	20	26	20	15	6	8	-1	10	16	11	-1	5	10	8	10	15	13	1	5	-5	12	0	-1	9	10.5
AMIDON	MAX	37	38	34	32	41	51	46	45	43	34	42	26	30	32	44	48	33	26	22	28	36	28	31	26	31	31	34	40	42	38	42	35.8
	MIN	12	10	16	17	21	24	26	26	22	16	22	10	7	10	24	17	12	7	12	14	17	15	8	7	11	9	15	18	19	17	22	15.4
ARVILLA STATE PARK	MAX	27	32	32	30	30	30	38	32	29	29	22	19	18	23	39	35	30	12	22	29	30	29	22	19	29	28	27	25	9	14	30	26.5
	MIN	10	1	27	25	16	18	9	13	21	13	6	9	8	-1	10	11	5	-7	-6	12	8	19	13	3	2	-3	-3	3	-8	-8	-1	7.3
ASHLEY	MAX	33	26	30	31	36	43	36	37	34	34	32	28	21	22	39	30	23	14	20	27	25	26	16	17	23	20	25	32	33	30	34	28.3
	MIN	5	2	24	14	12	16	22	21	23	12	20	6	2	-1	15	6	8	-3	11	18	14	11	-1	10	1	8	7	11	1	-1	9	9.5
BEACH	MAX	39	36	28	33	38	47	44	41	43	33	39	28	35	28	43	48	34	27	23	28	36	28	28	27	33	29	33	38	40	36	43	35.0
	MIN	8	11	11	16	18	19	19	30	21	16	17	8	-3	-3	20	14	7	5	15	10	12	14	7	4	4	9	10	18	15	13	13	12.7
BELCOURT INDIAN RES	MAX	35	27	27	26	21	22	34	33	30	28	20	20	23	24	47	35	23	16	22	27	27	30	17	20	26	26	25	22	12	18	33	25.7
	MIN	-2	6	22	8	0	14	9	13	21	11	11	8	-2	-9	13	16	-7	-10	5	11	14	0	1	1	8	4	7	2	0	-6	4	5.1
BELFIELD	MAX	36	31	33	40	45	43	42	43	34	41	36	33	29	42	52	33	30	23	28	36	28	31	26	27	31	35	37	42	38	42	43	35.8
	MIN	6	7	5	12	16	18	18	24	18	14	18	7	-2	5	14	12	5	3	10	9	15	11	8	-6	7	6	20	15	22	17	22	11.3
BISBEE	MAX	28	28	29	27	22	26	37	32	30	26	20	14	14	26	40	34	23	14	22	27	30	27	17	18	28	22	27	22	16	13	35	25.0
	MIN	7	6	24	12	10	16	12	16	23	16	9	-3	5	1	14	20	5	-6	6	15	18	5	0	8	6	5	10	4	-1	3	9	8.7
BISMARCK WB CITY	MAX	29	38	35	33	42	44	45	39	45	34	40	27	30	18	34	42	34	22	21	20	30	34	31	24	18	34	20	41	37	36	37	32.7
	MIN	0	5	13	15	14	18	22	24	24	13	18	5	9	9	6	11	12	-4	6	18	5	9	5	8	0	12	5	12	5	3	7	10.0
BISMARCK WB AIRPORT	MAX	38	35	32	42	47	44	38	44	34	40	32	31	16	34	42	32	23	21	25	33	29	23	25	18	33	19	37	40	37	35	45	33.0
	MIN	-3	2	22	14	6	16	15	20	20	12	11	0	9	3	5	8		-4	15	15	17	2	2	-3	-3	10	2	12	2	1	10	7.8
BOTTINEAU	MAX	26	30	28	28	24	21	22	33	33	25	25	16	19	15	22	37	36	15	13	20	27	27	20	21	15	24	16	23	16	13	19	22.9
	MIN	-1	-1	2	18	2	12	2	12	21	13	11	-4	3	2	7	8	2	-11	-1	13	15	-2	-5	4	6	15	3	-8	3	-3	0	4.5
BOWBELLS	MAX	33	31	25	29	38	43	31	40	33	26	34	21	22	19	33	31	29	11	16	22	22	18	17	22	25	19		30	31	10	30	26.4
	MIN	8	5	7	5	5	11	13	23	20	10	9	-1	-1	2	19	9	-5	-6	7	7	2	0	4	10	7	8		5	-2	-3	-3	5.8
ROWMAN COURT HOUSE	MAX	43	36	37	45	54	49	46	46	39	44	39	35		43	56	40	31	24	31	35	31	35	31	35	32	37	43	45	40	47	44	39.8
	MIN	10	12	11	16	18	20	18	28	12	11	20	7	5	4	9	17	10	7	13	10	18	13	8	5	6	9	10	18	14	13	20	12.6
BUTTE	MAX	31	33	36	29	34			45	33	26	34	22			34	35	29	16	18			30	24	18	21	29			32	22	28	28.7
	MIN	2	15	16	21	11			12	24	14	14	3			3	15	8	-3	-3			6	7	10	5	11			9	1	1	8.8
CARRINGTON	MAX	28	29	29	27	31	22	34	44	33	26	37	24	18	12	30	33	29			20	28	29	19	18	26	29	17	31	21	16	27	26.6
	MIN	4	0	15	12	6	11	12	16	19	11	8	-5	-2	-5	-1	0	2	-5	-5	9	7	12	-5	-1	4	6	7	7	-1	-5	1	4.5
CARSON NO 2	MAX	30	43	34	40	42	41	36	39	35	40	44	31	37		34	49	34	24	26	28	31	28	32	25	20	31	31	34	44	36	42	34.7
	MIN	8	8	14	18	19	18	17	18	18	10	10	12	9	0	27	12	10	4	10	12	10	10	4	4	6	10	9	10	10	12	14	11.4
CAVALIER	MAX	25	32	32	32	29	32	41	33	31	28	24	23	18	28	41	35	25	10	20	27	30	28	22	18	32	28	30	24	15	10	32	26.9
	MIN	10	9	29	26	24	20	15	17	14	11	12	16	10	-1	12	23	5	-5	-5	14	11	14	8	6	-1	-2	-6	8	2	-1	0	9.5
CENTER	MAX	32	33	29	43	47	44	43	45	33	39	34	29	34	33	41	34	35	26	22	33	28	30	24	22	31	29	39	44	40	40	46	34.9
	MIN	2	3	23	18	7	14	12	18	20	9	19	3	-2	-2	12	10	8	6	5	9	16	10	13	11	-3	10	1	18	4	1	8	9.1
COOPERSTOWN	MAX	28	28	30	30	28	28	37	32	32	28	28	21	17	18	35	32	27	23	21	28	28	28	24	20	25	27	20	20	16	15	27	25.8
	MIN	10	4	25	23	11	17	14	16	23	22	15	1	2	-5	11	12	2	-11	5	11	9	17	-3	6	-4	2	-3	7	0	-3	0	7.6
CROSBY	MAX	31	41	31	44	41	37	46	39	30	30	30	29	17	32	36	32	26	22	22	27	29	20	18	18	18	21	25	30	23	26	36	29.3
	MIN	3	7	7	7	14	14	15	25	20	8	6	0	-1	4	14	14	2	-2	13	3	10	3	0	5	4	8	4	5	8	-8	18	7.4
DEVILS LAKE W B CITY	MAX	30	27	29	26	22	26	48	30	30	26	23	12	15	25	40	33	17	14	20	28	29	25	17	20	29	19	29	18	17	17	40	25.2
	MIN	5	3	25	14	16	14	15	17	23	18	4	-3	-1	0	17	13	-3	-7	5	17	16	4	-3	5	5	5	12	3	0	-2	7	7.9
DICKINSON CAA	MAX	36	31	31	40	50	46	44	44	34	42	33	34	26	44	50	35	27	24	28	36	29	31	27	30	32	33	40	42	39	43	43	36.3
	MIN	11	13	11	16	21	21	20	20	16	15	11	8	2	8	18	12	8	5	14	11	18	10	5	-1	14	8	15	19	15	15	22	12.9
DICKINSON EXP STATION	MAX	38	36	33	33	42	49	47	45	45	35	43	27	35	25	46	50	36	27	22	29	39	31	31	27	31	32	35	40	45	42	44	36.8
	MIN	4	8	9	8	14	15	15	25	23	15	15	4	-4	1	5	9	8	4	10	8	10	13	8	0	0	4	3	13	8	8	15	9.0
DRAKE	MAX	33	33	35	29	32	31		44	37	26	34	21	22	17	29	36	30	17	16	22	33	28	27	17	25	28	19	30	26	22	25	27.5
	MIN	10	9	10	21	7	5		14	23	12	12	0	1	-2	17	9	4	-4	0	15	15	15	-1	7	7	10	9	5	9	-3	-2	7.8
DUNN CENTER	MAX	39	41	37	34	45	49	47	42	45	27	40	26	32	16	44	48	37	26	21	26	27	31	32	28	34	31	30	38	43	41	43	35.3
	MIN	4	3	3	10	15	14	15	14	24	13	10	6	-2	-3	0	11	9	4	8	7	5	10	8	10	11	4	2	8	4	5	5	7.6
ECKMAN	MAX	31	28	33	30	33	30	31	39	35	27	27	20	21	14	29	35	30	15	15	22	25	30	20	19	22	27	21	33	25	14	14	25.6
	MIN	3	0	2	14	0	0	5	10	22	8	10	-7	-6	0	0	6	0	-11	-1	13	14	-6	-6	10	7	4	5	5	-4	-4	-2	2.9
EDGELEY EXP FARM	MAX	23	32	29	28	31	19	39	33	37	29	24	29	26	14	33	36	26	19	15	20	28	27	15	18	20	25	17	27	31	28	30	26.1
	MIN	2	3	3	17	8	8	15	18	19	18	14	4	5	2	1	12	12	-3	-4	9	7	14	4	4	5	13	6	9	6	5	6	7.8
EDMORE 1 W	MAX	28	20	29	28	22	21	35	32	28	26	18	14	10	25	35	29	21	10	20	25	30	28	14	15	26	25	30	25	21	18	38	24.1
	MIN	3	2	13	14	3	14	8	13	18	12	4	1	-1	-10	7	12	-6	-14	-5	11	16	7	-7	10	-2	0	-5	-3	0	-9	-3	3.3
ELBOWOODS	MAX	37	34	32	42	46	45	48	42	34	37	32	31	32	35	35	38	30		25	35	29	32	30	32	30	28	33	40	36	33	45	35.3
	MIN	14	-1	20	9	9	19	17	25	23	15	20	-3	5	-1	-1	6		2	16	10	6	1	0	10	12	11	-3	-2	5	-1	10	8.6
ELLENDALE	MAX	30	30	31	31	30	43	42	39	37	39	31	29	22	26	40	31	25	17	23	35	28	28	21	20	27	27	28	33	32	31	37	30.4
	MIN	8	7	24	20	10	17	18	20	27	15	17	7	9	-3	10	16	14	3	12	19	11	19	7	6	2	12	7	11	9	6	9	11.7
ENDERLIN	MAX	30	30	32	29	32	23	32	38	35	30	30	21	16	15	19	35	33	18	15	21	30	29	27	19	22	26	17	25	23	20	23	25.6
	MIN	9	4	9	26	9	19	20	20	20	24	15	5	10	-2	9	8	12	-5	5	13	8	19	14	10	1	8	3	8	2	0	3	9.9
EPPING	MAX	36	32	33	43	45	45	45	45	31	34	29	23	18	35	37	33	29	18	25	28	30	22	18	20	22	26	30	32	32	33	40	31.3
	MIN	4	12	15	16	17	21	18	20	20	9	18	0	-1	6	15	10	7	5	14	8	17	8	0	6	7	5	5	10	12	1	18	10.4
FARGO WB AIRPORT	MAX	29	34	32	31	27	32	40	38	32	29	27	19	18	14	35	33	19	16	22	31	30	29	22	18	25	25	21	15	24	23	27	26.4
	MIN	16	25	28	12	11	20	16	30	26	18	16	7	5	-2	13	11	1	-3	7	14	13	20	15	4	3	-3	-4	6	1	2	9	10.9
FESSENDEN	MAX	37	31	29	32	28	34	46	35	32	37	31	20	20	28	39	33	20	16	20	28	30	28	20	20	28	26	32	30	20	27	42	29.0
	MIN	5	3	23	16	2	10	10	22	22	9	9	-3	2	5	16	5	1	1	8	10	15	-7	4	7	1	11	9	5	-1	-4	4	7.1
FORMAN	MAX	31	32	30	31	27	42	39	43	34	32	32	19	18	16	32	31	25	17	22	30	31	29	23	22	21	22	24	26	24	29	32	27.9
	MIN	6	7	26	21	11	18	25	26	26	24	16	4	9	-7	10	18	8	-5	8	15	10	23	10	10	8	7	-4	7	5	1	10	11.5
FORT YATES	MAX									35	41		30	30	33	48	39	21	24	31	29	31	26			34	28	35	42		38	38	
	MIN											15	2	12	2	7	14	-3	17	12	16	6	3			1	10	4	10		0	14	
FOXHOLM 7 N	MAX	32	37	31	38	35	27	45	38	34	35	31	26	29	33	36	32	28	16	23	32	29	27	19	24	28	26	34	34	30	20	41	30.6
	MIN	6	2	2	2	2	9	7	18	22	12	14	-3	-2	5	25	10	1	-3	11	4	13	0	9	12	11	13	6	5	-2	-4	3	6.8
FULLERTON	MAX	30	31	30	29	26	42	39	38	35	35	30	23	20	24	35	30	23	14	22	30	29	27	20	20	27	25	27	26	25	25	34	28.1
	MIN	7	4	24	16	5	11	17	19	25	16	16	4	11	-7	10	13	11	-1	11	15	9	18	4	15	1	11	0	11	2	0	5	9.8

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 Continued

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GACKLE	MAX			17	33	40	42	43			36	31	30	21	26	35	31	22	16	21	31	7	21	24	25	25	25	28	31	36	33	26	29.0
	MIN	4	7		20	11	15	23			11	12	0	5	1	16	7	5	5	10	10	11	5	7	7	0	10	10	7	6	3	4	8.3
GARRISON	MAX	35	38	32	40	43	38	45	42	30	35	24	27	17	29	37	32	24	17	22	30	30	27	24	19	30	20	34	35	30	34	43	31.1
	MIN	5	11	21	11	10	18	21	22	22	12	6	3	3	1	18	13	0	0	15	14	12	4	4	3	8	10	6	9	6	1	11	9.7
GRAFTON STATE SCHOOL	MAX	24	30	30	29	28	30	34	32	28	28	23	20	20	23	38	31	25	10	18	27	28	26	19	16	25	21	22	20	14	9	26	24.3
	MIN	8	6	25	22	21	17	11	14	22	14	8	11	9	- 5	9	10	4	-11	- 4	13	7	13	9	9	- 4	- 4	-11	4	-11	-11	- 3	6.5
GRAND FORKS CAA	MAX	27	33	32	30	30	32	37	35	30	28	24	21	18	22	37	33	18	11	23	28	30	28	20	17	28	23	23	14	12	15	35	25.6
	MIN	14	16	28	26	22	16	16	25	22	17	13	11	4	0	13	13	- 1	- 4	3	17	10	18	13	1	0	- 5	- 2	2	- 4	- 2	6	9.8
GRAND FORKS UNIVERSITY	MAX	28	33	32	30	30	33	37	37	30	28	24	20	19	21	27	33	26	10	20	28	30	29	20	16	26	22	22	14	13	15	26	25.1
	MIN	15	17	30	28	26	28	13	27	24	22	18	12	11	1	14	15	8	- 3	5	19	11	20	17	9	0	2	- 2	- 1	- 2	- 1	6	12.4
GRAND RAPIDS 1N	MAX	27	31	30	32	22	39	36	38	35	39	31	21	21	21	36	29	24	17	22	30	30	28	22	21	26	21	22	28	20	22	28	27.4
	MIN	7	4	25	20	14	14	19	15	26	14	17	- 2	9	-10	6	12	8	-12	10	9	4	16	10	- 5	- 5	0	- 8	4	- 2	- 2	- 2	6.9
GRANVILLE	MAX	32	32	30	32	32	26	45	36	34	34	26	23	14	31	36	32	24	17	23	35	31	23	16	20	25	25	33	25	19	18	48	28.3
	MIN	7	5	22	17	4	14	10	21	22	8	9	- 3	3	0	20	11	- 1	- 6	13	11	14	0	- 1	6	4	10	8	1	3	- 5	5	7.3
GRENORA	MAX	35	33	32	44	45	48	47	37	32	33	29	23	19	33	37	33	30	30	23	25	29	22	20	20	21	20	26	31	28	34	36	30.6
	MIN	7	15	10	9	10	15	15	21	21	14	14	4	- 2	8	18	18	4	8	12	8	12	6	0	8	5	4	5	12	10	1	15	9.0
HANKINSON R R STATION	MAX	31	31	32	33	32	24	35	41	42	33	32	30	20	17	22	35	28	20	15	23	36	33	37	23	28	26	21	24	28	20	25	28.3
	MIN	8	12	19	26	16	20	13	21	27	24	17	8	2	- 3	9	13	9	- 3	0	7	10	14	20	10	- 4	- 4	- 8	3	9	2	0	9.6
HANNAH	MAX	27	30	30	28	25	24	35	28	26	24	18	13	9	21	35	25	15	10	20	25	28	27	25	18	28	24	25	20	14	10	33	23.2
	MIN	5	3	25	18	17	16	13	10	21	12	10	0	- 3	- 9	12	9	- 5	-13	- 3	15	19	0	- 7	6	3	- 1	4	- 1	- 2	2	0	5.7
HANSBORO	MAX	26	28	28	27	22	22	34	27	27	28	18	14	13		40	31	20	14	21	29	28	27	16	27	29	22	29	23	13	18	42	24.8
	MIN	3	5	23	13	7	16	11	10	22	14	12	- 4	1		18	16	4	- 5	7	17	15	3	2	9	9	3	9	4	- 4	- 2	2	8.0
HETTINGER	MAX	43	26	34	42	54	50	46	47	37	39	34	35	30	46	56	33	28	22	29	35	30	35	31	33	34	45	36	45	42	44	43	38.2
	MIN	10	16	11	18	17	28	27	27	21	12	23	11	1	5	25	13	12	8	13	17	19	13	4	- 2	13	10	17	19	15	17	21	14.7
HILLSBORO	MAX	29	33	32	30	28	32	34	38	32	28	22	19	17	34	34	30	21		22	22	30	27	23	20	27	23	24	22	20	20	25	26.6
	MIN	16	18	29	10	15	18	16	28	21	14	9	12	- 1	14	13	10	2		8	10	12	14	17	13	- 2	- 6	- 6	10	- 2	- 3	4	10.4
JAMESTOWN CAA	MAX	31	26	29	31	22	37	36	35	34	34	29	21	15	23	36	30	23	15	20	29	27	26	17	19	27	20	26	25	15	23	35	26.3
	MIN	6	4	26	20	8	15	23	13	23	15	4	0	4	- 4	12	11	- 4	- 6	10	9	9	4	- 3	3	1	- 1	3	4	- 1	- 4	4	6.7
JAMESTOWN STATE HOSP	MAX	27	26	32	30	23	34	34	35	34	33	30	20	17	25	34	27	24	12	19	28	28	27	17	18	28	27	29	25	15	24	36	26.4
	MIN	12	4	24	19	8	15	22	17	25	16	16	1	6	- 3	14	13	6	- 3	10	15	10	12	- 2	9	0	6	3	11	1	- 3	1	9.2
KENMARE	MAX	34	31	37	30	39	43	30	43	35	26	36	21	25	21	35	35	30	14	18	27	32	26	24	17	25	25	20	30	34	14	32	28.7
	MIN	10	8	8	10	8	11	10	24	20	14	12	- 1	8	4	18	10	0	- 4	7	5	4	6	4	6	10	10	11	4	0	- 4	- 1	7.5
KENSAL WILDLIFE REFUGE	MAX	35	26	30	33	26	34	41	37	33	38	23	20	16	28	38	32	26	19	21	27	27	26	16	22	29	23	31	26	22	25	40	28.1
	MIN	7	2	23	12	7	14	18	12	22	17	15	- 6	0	-10	11	7	- 3	-10	7	8	6	9	- 5	13	- 4	6	5	8	- 3	- 6	0	5.9
LANGDON EXP FARM	MAX	21	28	29	25	24	27	37	32	27	25	20	13	14	23	39	28	19	13	17	25	30	27	15	18	28	24	27	20	15	15	35	23.9
	MIN	6	1	23	19	15	15	16	11	20	20	9	6	- 2	- 9	11	11	- 5	-16	- 2		17	1	- 6	- 2	- 1	- 2	- 3	- 2	- 1	- 3	2	5.0
LARIMORE	MAX	27	31	32	29	28	29	39	32	30	27	22	19	17	21	40	35	28	13	20	29	30	28	26	22	29	28	24	23	11	14	35	26.4
	MIN	10	6	27	25	14	15	16	19	23	16	13	8	9	- 2	11	19	6	- 4	1	14	9	19	12	8	5	0	- 8	6	- 2	- 2	1	9.5
LEEOS	MAX	31	29	29	28	22	24	44	30	30	25	20	14	16	28	37	34	20	15	21	27	30	28	18	18	29	24	30	22	18	20	40	25.8
	MIN	0	1	12	13	1	14	12	13	23	13	10	- 5	- 2	- 2	16	7	0	7	8	17	18	8	- 5	10	5	7	10	0	- 5	- 6	2	6.5
LINTON	MAX	36	34	32	42	44	46	35	42	40	40	32	30	20	23	43	34	26	20	23	29	27	28	22	21	30	28	26	40	34	33	40	32.3
	MIN	4	3	27	9	8	20	15	20	20	7	24	- 2	7	4	3	4	11	0	15	17	20	7	- 6	14	3	10	6	3	0	0	9	9.1
LISBON	MAX	28	28	27	29	26	37	35	34	30	30	26	19	10	18	30	27	24	14	19	24		24	24	19	21	20	22	20	16	22	37	24.7
	MIN	0	1	24	25	10	14	10	22	25	21	12	6	6	4	13	6	11	4	6	13		5	9	10	3	8	9	6	2	2	0	9.6
LOSTWOOD 12N	MAX	33	36	28	38	43	30	43	37	30	30	28	25	16	28	25	33	25	16	20	32	27	22	18	20	23	20	28	31	31	30	36	28.5
	MIN	5	7	19	4	11	14	20	26	18	10	9	2	3	- 1	18	10	- 2	- 4	10	3	15	1	5	9	9	7	7	8	7	- 3	18	8.5
MADDOCK AGR SCHOOL	MAX	29	28	30	28	25	26	42	36	31	30	24	15	15	24	34	31	21	15	20	27	30	27	17	18	28	26	27	26	17	15	38	25.8
	MIN	0	2	24	17	5	12	7	11	19	15	12	- 5	0	- 2	15	6	- 4	-11	6	17	17	9	- 5	11	2	10	8	0	- 4	- 5	3	6.2
MANOAN EXP STATION	MAX	28	36	33	30	42	47	44	38	44	31	40	26	29	15	33	41	31	22	20	23	33	29	29	24	18	32	18	39	39	35	37	31.8
	MIN	1	4	10	13	15	17	18	22	24	13	17	5	8	3	5	11	12	- 2	1	17	17	6	6	11	0	11	4	5	8	5	7	9.5
MANDAN FT LINCOLN PARK	MAX	38	38	41	42	48	47	42	45	40	40	35	35		33	45	32	27	23	25	34	30	32	25	20	33	30	33	40	37	37	47	35.8
	MIN	0	3	25	3	14	15	17	21	23	13	24	- 5	8	2	4	10	11	- 4	6	16	16	5	3	12	- 2	11	2	18	5	1	13	9.4
MARMARTH	MAX	40	35	37	37	50	48	46	46	35	42	40	30	25	46	50			25	31	37	31	32		33	31	31	43	43	39	44	43	38.2
	MIN	- 3	4	9	14	21	18	13	30	19	8	17	- 2	- 1	2	9				14	5	17	8		- 6	0	7	3	8	6	7	15	9.0
MAX	MAX	30	36	30	30	38	38	42	37	40	26	32	22	25	22	26	35	28	29	19	27	29	22	22	23		23	20	29	32	29	31	29.1
	MIN	6	12	22	11	10	10	18	25	15	7	10	4	6	2	14	12	8	- 4	5	8	12	0	2	11		5	5	5	7	4	4	8.5
MAYVILLE	MAX	30	32	32	29	28	31	40	35	30	27	22	21	18	23	37	34	27	27	20	28	28	28	23	19	26	22	22	17	15	16	30	26.4
	MIN	12	7	28	26	11	19	16	28	19	21	17	8	7	0	12	14	6	- 1	6	19	13	22	17	7	7	- 1	- 1	5	1	2	7	11.4
MC CLUSKY	MAX	32	25	26	27	41	38	46	42	31	28	28	17	12	25	35	26	26	15	19	23	23	22	15	15	27	23	32	24	37	28	40	27.4
	MIN	7	10	24	15	11	18	22	23	22	12	16	1	8	1	17	8	6	- 3	13	17	18	3	- 2	6	4	11	7	9	10	4	15	10.7
MC HENRY 5 N	MAX	29	27	28	27	21	27	38	30	31	30	15	12	13	21	36	30	23	15	19	25	25	25	14	18	27	25	27	21	14	17	37	24.1
	MIN	10	1	23	18	13	15	12	16	22	15	10	- 5	4	- 4	8	10	1	- 9	1	14	7	12	- 7	8	- 3	4	3	5	- 2	- 5	- 1	6.3
MC LEOD 3 E	MAX	30	32	31	32	30	34	48	40	35	28	23	18	18	18	35	32	25	21	24	32	29	30	26	22	25	24	23	24	24	26	30	28.0
	MIN	18	5	27	26	10	15	22	24	25	17	11	1	- 2	- 7	7	6	7	- 8	4	16	7	26	16	10	3	2	-10	5	3	8	12	9.9
MEDORA 4 NNE	MAX	35	32	31	41	47	46	41	44	34	41	38	35	28	47	51	33	29	25	28	40	32	31	28	33	32	35	38	44	40	43	45	37.0
	MIN	- 9	- 2	1	5	6		12	28	23	7	23	- 1	- 7	0	8	5	- 1	8	17	0	16	12	- 3	- 9	- 2	- 1	0	5	4	3	15	5.4
MINOT CAA	MAX	30	35	30	37	37	32	43	36	30	34	29	25	15	34	34	29	23	14	23	29	29	23	17	21	27	20	32	32	19	27	42	28.6
	MIN	11	5	22	13	12	14	27	24	21	16	4	4	3	3	17	15	3	2	13	16	13	9	9	11	15	14	12	10	0	0	25	11.7
MINOT EXP FARM	MAX	30	35	30	37	39	29	45	38	33	34	31	26	14	29	36	30	26	15	22	28	30	27	19	17	27	20	30	32	29	26	41	29.2
	MIN	9	5	20	11	11	15	15	22	22	13	12	2	5	8	21	12	5	1	11	15	16	5	5	7	12	13	11	7	9	0	9	10.6
MOHALL	MAX	27	31	30	35	25	23	37	35	31	27	22	20	14	31	35	31	19	12	21	30	29	20	16	20	26	28	32	28	30	25	35	26.6
	MIN	5	4	20	13	1	10	8	16	20	4	8	- 3	- 2	- 2	20	12	- 4	- 9	11	13	17	- 4	2	12	- 3	- 2	- 6	-10	-17	-15	0	3.8
MOTT	MAX	44	35	34	45		50	47	45	40	45	39	36	27	46	53	40	31	23	28	36	31	35	30	31	32	35	45	46	42	44	45	39.3
	MIN	1	2	12	12	0	16	16	25	14	6	22	2	- 1	- 4	14	7	8	1	11	23	18	11	8	2	2	8	- 1	13	3	15	17	9.1
MUNICH 4 SW	MAX	27	25	26	27	25	22	31	24	27	24	24	14	8	20	31	24	25	10	18	25	27	24	13	17	27	18	25	22	9	27	35	22.6
	MIN	4	1	25	14	6	15	10	10	19	16	12	- 5	- 6	-10	8	15	- 1	-14	- 3	14	16	4	- 7	7	- 2	0	3	- 1	- 6	- 6	0	4.5
NAPOLEON 1 SE	MAX	33	33	32	34	43	43	42	38	33	36	33	24	17	23	38	30	24	17	22	28	28	25	18	18	26	24	23	36	37	30	35	29.8
	MIN	- 2	3	24	14	9	17	22	21	23	13	20	4	6	0	17	4	9	- 7	11	14	13	3	- 5	13	5	6	6	11	2	1	10	9.3

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

NORTH DAKOTA
DECEMBER 1952

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX	38	32	32	42	54	47	48	43	35	44	40	30	23	45	48	35	27	22	29	36	29	33	29	30	32	34	42	42	39	45	44	37.1
	MIN	7	5	9	16	10	16	15	24	18	14	23	6	- 3	1	21	13	8	4	15	9	17	12	8	- 4	4	5	3	19	6	16	14	10.7
NEW SALEM 1 S	MAX	38	27	28	42	47	45	40	44	31	41	35	30	20	38	45	34	22	19	22	31	29	31	25	20	32	23	41	40	41	38	47	33.7
	MIN	9	11	19	12	12	12	21	22	22	14	14	7	7	- 1	22	15	9	10	11	14	13	13	5	11	10	10	9	19	15	17		12.6
NEWTOWN	MAX			34	42	43	35	41	38	32	34	30	25	18	28	36	30	28	19	24	34	30	29	22	24	26	22	35	34	35	32	43	31.1
	MIN		7		10	11	20	16	28	23	6	16	5	4	0	16	12	8	1	15	9	19	6	4	14	6	10	1	14	6	3	14	10.5
OAKES	MAX	33	31	32	30	30	20	38	40	41	32	35	30	20	14	20	37	28	16	15	22	28	29	25	19	21	22	19	25	25	20	26	26.5
	MIN	8	4	5	24	7	7	17	22	22	23	17	2	- 2	- 8	- 5	10	10	- 8	- 4	12	6	21	8	2	5	7	- 2	2	1	- 4	- 1	6.7
PARK RIVER	MAX	21	31	32	30	28	28	29	35	30	28	22	19	18	27	42	33	27	11	20	28	28		23	19	30	26	28	26	11	14	38	26.2
	MIN	7	5	29	25	24	20	14	19	25	22	13	12	11	2	14	21	5	- 5	1	15	11	0	11	13	9	1	5	7	4	1	4	11.6
PARSHALL	MAX	34	34	30	42	45	40	44	40	31	34	30	30	15	32	43	35	29	18	23	33	32	29	25	26	28	18	36	36	37	34	43	32.5
	MIN		7	21	4	8	18	15	27	23	5	14	- 3	- 4	- 2	10	2	4	- 5	15	10	19	0	0	14	2	10	- 2	8	4	- 3	13	7.8
PEMBINA 2N	MAX	28	33	32	32	32	32	41	41	34	28	23	20	22	23	38	38	32	17	20	22	30	30	22	20	28	28	22	24	17	15	28	27.5
	MIN	10	14	28	26	24	21	15	22	23	14	15	13	7	- 3	7	7	3	-10	- 9	17	9	16	11	3	- 1	- 2	1	3	- 4	- 6	3	8.9
PETERSBURG	MAX	26	27	28	28	31	30	38	28	29	25	20	15	16	25	37	36	38	14	17	31	27	25	18	20	28	26	28	26	20	16	35	26.1
	MIN	11	6	25	18	9	16	11	18	23	15	11	5	4	- 4	14	11	0	- 8	0	14	11	15	- 2	10	0	- 1	- 5	3	1	- 2	4	7.5
PETTIBONE	MAX	35	30	28	32	39	38	45	37	35	35	30	21	19	23	37	35	25	17	21	27	29	27	28	20	28	21	32	32	33	31	40	30.0
	MIN	3	9	24	23	7	15	19	20	23	9	15	2	5	3	10	8	8	- 5	13	19	16	5	2	12	3	13	7	12	6	2	8	10.2
PORTAL	MAX	34	31	32	28	40	45	21	39	31	24	31	19	18	16	35	29	30	9	16	22	30	19	15	16	18	22	18	21	22	10	27	24.8
	MIN	5	5	10	5	5	11	12	19	20	10	10	0	- 1	5	11	4	- 9	- 9	7	6	8	1	- 2	15	10	1	8	3	- 5	- 6	- 4	5.0
POWERS LAKE 1N	MAX	34	36	28	39	44	41	35	29	29	30	28	28	18	32	38	21	21	15	23	30	27	14	17	21	22	17	28	31	36	24	36	28.1
	MIN	2	8	20	4	11	11	24	19	19	5	2	- 2	- 4	0	12	6	3	3	5	5	7	- 3	4	5	15	3	5	2	5	- 3	8	6.5
RICHARDTON ABBEY	MAX	39	31	33	45	50	47	43	45	40	42	38	33	25	45	51	40	28	20	24	35	31	33	27	29	31	34	40	44	42	42	45	37.2
	MIN	11	11	17	14	22	18	21	28	23	15	20	10	6	2	28	18	12	6	14	12	17	13	12	6	15	7	9	21	17	15	27	14.9
RIVERDALE	MAX	31	32	33	33	40	44	40	41	42	27	35	24	26	14	31	37	32	20	17	21	30	25	26	23	20	30	19	35	34	32	33	29.9
	MIN	8	8	13	15	14	17	20	25	23	15	16	5	4	- 1	7	14	10	0	4	9	14	8	6	12	9	9	4	10	13	3	4	10.3
ROLLA	MAX	30	26	27	26	20	22	34	31	28	26	18	17	17	24	43	37	24	14	20	27	28	30	22	22	26	20	25	21	10	17	36	24.8
	MIN	5	6	22	4	1	18	13	13	20	13	8	- 2	0	- 3	13	21	1	- 3	4	15	14	3	4	5	8	3	9	3	- 3	- 1	11	7.3
RUGBY	MAX	30	30	29	30	23	25	39	34	32	26	24	16	16	27	34	32	26	16	20	29	28	29	19	19	30	26	32	27	18	14	40	26.5
	MIN	4	3	11	20	8	13	10	16	22	12	14	- 2	2	1	15	6	0	1	9	16	17	3	- 4	12	13	10	8	3	9	- 2	6	8.3
SAN HAVEN	MAX	31	28	27	25	23	22	32	37	29	25	24	18	22	25	46	36	25	14	19	28	27	24	20	18	25	26	25	22	13	18	31	25.3
	MIN	6	12	21	18	6	15	13	23	21	17	14	- 3	3	- 1	14	18	6	- 5	7	16	16	8	6	9	8	10	6	3	1	- 1	6	9.5
SHARON	MAX	21	28	30	27	25	27	35	29	29	26	26	15	17	17	35	34	26	12	20	27	27	26	20	17	26	25	21	19	15	15	30	24.1
	MIN	9	7	25	19	13	17	16	18	23	12	15	2	2	- 2	13	15	4	- 6	- 6	15	11	18	3	7	- 1	0	- 5	5	1	0	4	8.2
STANLEY	MAX	33	34	26	40	42	38	43	26	26	30	24	25	16	31	40	32	26	19	22	26	29	18	18	20	23	19	28	32	35	31	33	28.5
	MIN	5	5	6	5	11	11	11	19	19	18	9	4	1	- 2	19	12	0	6	12	12	6	5	6	6	9	10	9	5	4	6	5	8.2
STEELE	MAX	40	35	30	35	45	40	43	40	35	32	30	21	18	27	38	32	27	17	23	29	28	33	19	19	30	29	30	38	41	35	42	31.6
	MIN	4	5	24	15	9	15	21	17	23	9	9	- 2	4	2	12	9	6	- 5	12	17	13	5	- 2	14	0	9	15	8	8	4	10	9.4
TOWNER	MAX	30	34	30	30	28	37	42	34	37	32	28	20	21	31	38	31	15	18	22	32	32	26	31	34	27	31	33	28	20	18	43	29.5
	MIN	4	5	23	- 3	5	10	15	10	22	21	5	- 1	5	2	15	0	- 2	- 8	10	12	15	- 1	- 2	5	8	- 1	1	2	- 2	- 2	7	5.8
TURTLE LAKE	MAX	34	34	33	37		42	43	38	32	36	33	23	18	25	36	33	23	20	22	30	29								38	30	40	31.7
	MIN	5	8	24	9		10	21	20	21	11	13	- 1	2	2	14	7	- 5	3	12	18	11								5	- 1	14	9.7
UNDERWOOD	MAX	32	33	34	30	39	45	38	44	41	26	35	23	26	15	32	36	31	20	22	26	32	28	25	22	20	30	20	34	34	34	31	30.3
	MIN	5	9	11	12	10	10	18	19	23	13	12	2	3	2	3	11	9	- 1	14	15	14	5	3	7	13	11	4	4	4	6	5	8.9
UPHAM 3N	MAX	29	33	31	31	25	26	38	34	34	27	23	19	17	30	36	32	21	15	23	30	30	26	19	19	29	25	32	25	16	13	40	26.7
	MIN	- 1	5	24	18	- 1	11	6	15	22	12	13	- 2	3	1	4	10	- 2	-10	11	14	12	- 4	- 3	- 1	4	8	7	- 4	- 2	- 4	- 1	5.3
VALLEY CITY	MAX	27	30	30	27	25	33	34	35	34	28	29	21	17	15	32	32	29	13	20	25	29	29	23	21	25	25	23	23	17	17	30	25.7
	MIN	9	6	24	23	10	18	23	20	20	23	17	5	8	0	12	9	7	- 5	10	16	7	22	3	8	0	10	- 6	9	5	- 1	3	10.2
VELVA	MAX	32	35	30	35	39	28	44	38	34	36	29	25	15	32	35	29	25	16	24	33	30	27	17	21	28	27	32	28	25	18	41	29.3
	MIN	8	4	19	15	5	11	11	24	23	6	11	- 5	2	- 2	21	14	5	- 5	14	13	21	- 3	1	13	4	11	16	5	0	- 4	5	8.5
WAHPETON STATE SCHOOL	MAX	31	34	33	33	30	33	40	44	35	30	30	21	21	17	35	32	27	18	24	32	30	30	28	23	21	24	22	24	23	25	26	28.3
	MIN	15	28	27	27	15	21	18	31	27	22	18	3	10	12	9	9	8	- 7	5	15	9	24	19	14	1	6	- 6	- 2	8	5	7	12.8
WASHBURN	MAX	37	36	35	36	44	40	41	43	33	39	32	29	21	27	40	35	26	19	22	34	31	30	26	23		32	30	40	38	37	46	33.4
	MIN	1	6	10	9	11	19	19	21	20	19	19	- 1	0	3	9	9	4	- 1	7	15	16	0	1	11	2	9	5	5	3	0	4	8.2
WATFORD CITY	MAX	37	32	34	44	46	47	48	41	29	37	34	29	20	40	42	33	24	22	25	35	30	23	23	26	28	29	35	40	37	38	43	33.9
	MIN	11	9	17	10	14	19	18	24	20	13	11	3	- 3	14	20	9	7	6	16	4	18	9	9	3	8	3	9	13	12	6	21	11.4
WESTHOPE	MAX	24	32	30	29	20	23	32	34	28	26	23	22	23	25	38	32	17	12	21	28	30	22	19	19	24	27	32	17	14	14	40	25.1
	MIN	2	9	23	12	2	10	9	24	21	20	2	- 2	3	2	10	10	- 5	- 8	10	15	10	- 4	- 3	5	7	6	4	0	4	- 1	8	6.6
WILLISTON WB CITY	MAX	34	35	31	45	44	50	44	43	29	37	32	28	16	35	40	31	23	20	26	26	30	23	22	20	25	27	33	36	33	32	41	32.0
	MIN	9	12	16	15	17	24	24	27	18	17	10	1	- 3	8	14	13	8	9	11	6	16	9	5	5	9	4	9	14	13	5	21	11.8
WILLOW CITY	MAX	30		30	30	24	25	38	30	32	24	21	17	15	30	33	32	17	14	21	30	30	24	19	19	29	20	34	25	14	15	40	25.4
	MIN	3		24	7	0	10	6	12	22	13	6	- 4	0	- 1	2	1	1	-12	10	12	13	- 6	- 3	9	1	9	0	3	- 3	- 6	- 3	4.2
WILTON RR STATION	MAX	28	32	35	30	37	41	37	41	40	28	35	27	23	15	33	36	31	18	17	22	30	26	25	19	17	29	24	34	36	35	37	29.5
	MIN	7	9	10	15	14	14	16	24	25	16	17	8	8	3	7	15	10	0	1	15	16	10	4	7	1	9	3	15	13	9	8	10.6
WISHEK	MAX	34	35	30	33	40	43	42	38	37	35	32	25	20	26	38	38	21	22	21	28	31	26	20	18	23	25	26	37	40	35	36	30.8
	MIN	6	1	25	15	9	18	20	24	22	15	19	7	8	9	7	6	11	- 4	- 2	16	9	7	- 3	9	3	- 5	4	5	0	- 2	1	8.4

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
DECEMBER 1952

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL			T								T		0.3						0.3	T	T	T	T	T	T	T	T				
	SN ON GND											T		T						T												
AMENIA	SNOWFALL			1.0								2.0													T						
	SN ON GND			1	T	T	T	T	T	T	T	2	1	1	1	T	T	T	T	T	T	T	2.0 2	2	2	2	2	2	1	1	T	T
AMIDON	SNOWFALL				T							1.5	T	T																		
	SN ON GND	1	T	T	T	T	T					1	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
ASHLEY	SNOWFALL				T							T																				
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.2 1	1	1	1	1	1	1	1	1	1
BEACH	SNOWFALL				0.2							1.0								–												
	SN ON GND	2	2	2	2	2	2	T	T	T	T	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
BELCOURT INDIAN RES	SNOWFALL			T	T				T																	T						
	SN ON GND			T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
BELFIELD	SNOWFALL								T			T																				
	SN ON GND	2	2	2	1	1																										
BEULAH	SNOWFALL													T						T												
	SN ON GND													T	T	T	T	T	T	T	T	T	T									
BISBEE	SNOWFALL			T	0.S							T																				
	SN ON GND			T	1							T																				
BISMARCK WB CITY	SNOWFALL			T	0.2							1.0		T	T					0.1					T	T	T	T				
	SN ON GND			T	T	T	T					1	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
BISMARCK WB AP	SNOWFALL			0.2						T	0.3	0.S		1.0	0.1				0.3	T		T			T		T				
	SN ON GND	T	T	T	T	T	T	T	T	T	T	1	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
BOTTINEAU	SNOWFALL				0.7					T		T								T					T							
	SN ON GND	T	T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BOWBELLS	SNOWFALL				0.S						T	2.0	T	T					1.0													
	SN ON GND	T	T	T	T	T	T	T	T	T	T	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2
CARSON NO. 2	SNOWFALL											T		0.5						0.S	T		T	T			T					
	SN ON GND											T		1	1	1				1	T	T	T	T	T	T	T	T				
CENTER	SNOWFALL			T								0.1							T													
	SN ON GND			T								T	T	T					T	T	T											
CROSBY	SNOWFALL								T			1.0							T	T		T										
	SN ON GND											1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEVILS LAKE WB CITY	SNOWFALL	T	T	0.S	T	T	T		T	T	T	T	T	0.4	T					0.4	T	T	T	T	T	0.3	T	T	T	T	T	
	SN ON GND	T	T	T	1	1	1	1	T	T	T	T	T	T	1	1	T	T	T	T	1	1	1	1	1	1	1	1	1	1	1	1
DICKINSON CAA AP	SNOWFALL			T							0.1	T										T										
	SN ON GND				T							T	T	T	T								T									
DICKINSON EXP STA	SNOWFALL				T				T			0.1										T			T							
	SN ON GND	1	1	1	1	T	T		T			T	T	T	T							T			T							
DUNN CENTER	SNOWFALL											T	T																			
	SN ON GND											T	T	T																		
EDMORE 1 W	SNOWFALL				1.0					T		T	T							T			T	T	T		T			T		
	SN ON GND				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ELLENDALE	SNOWFALL		T	0.S	T						T	1.0		T						T			0.7	T			1					
	SN ON GND		T	1	T	T	T	T	T	T	T	1	1	1	1	1	1	1	1	1	T	T	1	1	1	1	1	1	1	1	1	T
FARGO WB AP	SNOWFALL			1.0	0.2	T	T		0.1	T	T	1.4	T	0.4								0.4	1.S	0.B	0.1	0.4	T	T	T		T	
	SN ON GND				1	1	1	1	1	T	T	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3
	WTR EQUIV																						0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
FORT YATES	SNOWFALL												T	T							T	–										
	SN ON GND												T	T								T	T	T	T	T	T	T				
FOXHOLM 7 N	SNOWFALL			T	1.0							0.9																				
	SN ON GND				1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	–	–
FULLERTON	SNOWFALL		T	0.3	0.3				T	T		3.0		T					T	T				T	T		T	T			
	SN ON GND	T	T	1	1	1	1	1	1	1	T	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2
GARRISON	SNOWFALL			0.3	T						T	0.S		–					–	0.2				T	T	T						
	SN ON GND			T	T						T	1	1	T	T	T	T	T	–	1	1	1	T	T	T	T						
GRAFTON STATE SCHOOL	SNOWFALL			0.3						T		T	T	T									1.S		T		1.5		0.S		T	
	SN ON GND	T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3
GRAND FORKS CAA AP	SNOWFALL			0.4	T		T		T	T	T	T	T	T								0.7	0.9	T	0.1	0.S	T	T	T		0.1	
	SN ON GND				T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		2	2	2	2	2	2	1	1	1	1
GRAND FORKS UNIV	SNOWFALL			2.0						T	T	T	T	1.0									1.S	T	T	T	0.4		T			
	SN ON GND	T	T	2	T					T	T	T	T	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
GRANVILLE	SNOWFALL			T	1.0				T			1.0								T												
	SN ON GND			T	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
HANSBORO	SNOWFALL			0.3	0.7															T					T							
	SN ON GND			T	1	1	1	1	1	1	1	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
JAMESTOWN CAA AP	SNOWFALL			0.9	T	T			0.4			2.2	T	T	T					T		0.B	0.4	T	T		T	T				
	SN ON GND				1	1	T	T	T	T	T	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
KENSAL WILDLIFE REF	SNOWFALL			T								2.0								T			1.S									
	SN ON GND											2	–	–	–	1	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	1
KILLDEER B NW	SNOWFALL												T																			
	SN ON GND																															
MANDAN EXP STA	SNOWFALL			0.5								0.3		T	T					0.3					T							
	SN ON GND			1								T	T	T	T					T	T	T	T	T	T	T	T	T	T	T	T	T
MAYVILLE	SNOWFALL			0.S	0.7					0.1	T	0.4	0.1	0.4									1.S						T	T		
	SN ON GND				1	1	1	1	T	T	T	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
MC CLUSKY	SNOWFALL			*	0.5							2.0		T						–												
	SN ON GND			–	1	1						2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
MC HENRY 5 N	SNOWFALL			T	0.2				0.B	0.2		1.0											0.S									
	SN ON GND			T	T	T	T	T	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

See reference notes following Station Index.

Table 7 -CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
DECEMBER 1952

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MEDORA 4 NNE	SNOWFALL																			0.2	T	T	T	T	T							
	SN ON GND	1	1	T	T	T	T	T	T	T	T	T								T												
MINOT CAA AP	SNOWFALL			0.2	T						0.1	1.6	T	0.1					0.3	0.1				T	T		T		T	T	
	SN ON GND	T	T	T	T	T	T	T	T	T	T	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MINOT EXP FARM	SNOWFALL			0.3	0.4					T		3.0		T						T					T		T				
	SN ON GND			T	1	1	1	1	1	1	1	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MOHALL	SNOWFALL			T	0.5							1.0		T					T			T			T						
	SN ON GND			T	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTPELIER	SNOWFALL			0.1	0.1				T			1.6		T						T		T	1.0				T				
	SN ON GND	T	T	T	T	T	T	T	T	T	T	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
MOTT	SNOWFALL										T			T						T		T									
	SN ON GND																															
MUNICH 4 SW	SNOWFALL			-	-					T		T		T						T				T			T		T		
	SN ON GND			1	1	1	1			T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NAPOLEON 1 SE	SNOWFALL			0.2	T				0.2			1.0		T						T		0.4	0.6		0.1						
	SN ON GND			T	T	T						1	1	1	1	T	T	T	T	T	T	T	1	1	1	1	1	1	1	1	1	T
OAKES	SNOWFALL				1.0					1.3		3.0	T										2.0	T	T							
	SN ON GND				1	1	1	1	1	2	-	4	-	3	3	3	3	3	3	3	3	3	5	5	5	5	5	5	5	4	4	-
PARSHALL	SNOWFALL									T		1.0		0.1						T											
	SN ON GND											1	1	1	1	1	1	1	1	1												
PETERSBURG	SNOWFALL			0.7									T										2.2				T				
	SN ON GND	1	1	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	2
PETTIBONE	SNOWFALL			0.2					0.4			3.0										T	0.2								
	SN ON GND			T	T				T	T	T	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PRETTY ROCK	SNOWFALL					T						T																			
	SN ON GND					T						T	T																			
RICHARDTON ABBEY	SNOWFALL											0.4		T						0.2											
	SN ON GND	T	T	T	T	T	T	T				T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
RIVERDALE	SNOWFALL				0.2						T	1.0	T	T	0.3					T	0.3				T			T			
	SN ON GND				T	T	T	T	T			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ROLLA	SNOWFALL		0.1	0.2	0.3	T						0.3								T				T	T		T		T		
	SN ON GND	T	T	T	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SAN HAVEN	SNOWFALL			0.2	0.3							T								T											
	SN ON GND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1
SHARON	SNOWFALL			T	0.2							1.0	T	0.5									1.5				T				
	SN ON GND	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	4	3	3	3	3	3	3	3	3	3
STANLEY	SNOWFALL											1.5																				
	SN ON GND											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPHAM 3 N	SNOWFALL			T								1.0		T						T											
	SN ON GND	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
VALLEY CITY	SNOWFALL			0.5					1.5			1.5											1.5	T							
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAHPETON STATE SCHOOL	SNOWFALL			T	1.5					1.0		2.5	0.3	T									1.0	2.0	T		T				
	SN ON GND				1	1	1	-	-	1	1	4	4	4	4	3	3	3	2	2	2	2	3	4	4	4	4	4	3	3	3	3
WESTHOPE	SNOWFALL				1.5							0.5																		T		
	SN ON GND				2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
WILLISTON WB CITY	SNOWFALL								T	T	1.0	0.3	T	T					0.4	1.0		T			T							
	SN ON GND								T			1	1	1	1	1	1	T	T	1	1	1	1	1	1	1	1	1	1	T	T	T
WILLOW CITY	SNOWFALL				1.0	T			T			0.5	T							T							T				
	SN ON GND			T	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

NORTH DAKOTA
DELAYED DATA

Station	Temperature												Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	No. of Days Max. 32° or Below	No. of Days Min. 32° or Below	No. of Days Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail Total	Snow, Sleet, Hail Max. Depth on Ground	Snow, Sleet, Hail Date	No. of Days .01 or More	No. of Days .50 or More	No. of Days 1.00 or More
May 1952																							
EASTERN DIVISION																							
Petersburg	71.8	39.5	55.7M		90	2	23	11		1	0		0	.51	-1.93	.26	26	.0	0		3	0	0
June 1952																							
Petersburg	77.7	51.0	64.4M		92	5	39	3		2	0	0	0	.44	-1.06	.62	13	.0	0		11	1	0
August 1952																							
WESTERN DIVISION																							
Harmarth	74.3									3	0	0	0	2.42	.80	1.50	19	.0	0		8	1	1

DAILY PRECIPITATION

Table 3

Station	Total	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
[illegible]																					.01						.2					
[illegible]																																
[illegible]																	.24	T														
[illegible]																					.80											
[illegible]											T			.03	T			T														

DAILY TEMPERATURES

Table 5

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MAY 1952																																	
TERSBURG	MAX	84	90	87	85	72	62	65	68	62	53	63	69	75	73	64	68	60	67	71	65	74	80	85	81	82	80	68	66		68	68	71.8
	MIN	51	56	50	48	40	33	45	34	41	26	23	34	33	37	32	37	31	38	38	43	37	45	50	49	40	44					31	39.5
JUNE 1952																																	
RSON 2 S	MAX													95	82	86	97	76	86	72	75	85	83	77	83	64	60	60	62	77	78		
	MIN												54	59	54	65	56	49	50	45	51	52	59	59	59	53	54	51	51	50	56		
TERSBURG	MAX	77	77	75	83	92	88	90	71	80	73	89	85	82	83	85	74	82	72	76	73	64	75	76	74	62	69	66	75	70	85		77.7
	MIN	41		39		54	54	58		41	44	53	42	50	41	54	62	49	51	42	54	53	50	59	56	54	45	53	63	57	57		51.0
AUGUST 1952																																	
RMARTH	MAX		80	88	75	85	84	78	71	81	66	62	64	73	76	62	73	73	70	71	66	71	73	76	90	93	84	74	70	83	62	56	74.3
	MIN																																

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
ADAMS 7 S	0022	WALSH	10	48 20	98 06	-		6P	MYRON J. BATA	3
ALEXANDER	0096	MC KENZIE	13	47 50	103 38	2200		6P	ARTHUR J. BAUMAN	3
ALMONT 7 SW	0136	MORTON	4	46 43	101 39	2300	7P	7P	HOGAN RAMSLAND	2 3 5 7
AMBROSE	0189	DIVIDE	12	48 58	103 28	2059		5P	SOO LINE AGENT	3
AMENIA	0196	CASS	11	47 00	97 13	960	SS	SS	VIRGIL L. GEBEKE	2 3 5 7
AMIDON	0209	SLOPE	1	46 30	103 19	2910	8A	8A	VIRGINIA M. ZUNDEL	2 3 5 7
ANTLER	0263	BOTTINEAU	12	48 58	101 20	1540		MID	W. H. WEGNER	3
ARVILLA STATE PARK	0369	GRAND FORKS	10	47 56	97 30	960	6P	6P	ALBERT THOREN	2 3 5
ASHLEY	0382	MC INTOSH	8	46 02	99 22	2025	SS	SS	SOO LINE AGENT	2 3 5 7
BALDHILL DAM	0450	BARNES	11	47 02	98 02	1300	8A	8A	CLOSED - - - - -	10-31-52
BALTA	0500	PIERCE	11	48 10	100 02	1550		6P	ROYCE E. PAULSON	3
BANTRY	0516	MC KENRY	12	48 30	100 36	-		6P	TEMPLE K. ROBERTS	3
BEACH	0590	GOLDEN VALLEY	7	46 55	104 01	2814	6A	6A	HELEN TOBIAS	2 3 5 7
BELCOURT INDIAN RES	0626	ROLETTE	9	48 50	99 45	1960	7P	MID	TURTLE MT. IND. AG.	2 3 5 7
BELFIELD	0639	STARK	4	46 52	103 11	2592	7P	7P	CARL INDERGAARD	2 3 5 7
BERTHOLD	0729	WARD	12	48 19	101 44	2080		6P	JOSEPH S. COX	3
BEULAH	0766	MERCER	6	47 16	101 47	1780		4P	MONT. DAK. UTIL. CO.	3 7
BISBEE	0796	TOWNER	2	48 37	99 22	1600	6P	6P	ROBERT J. KRICK	2 3 5 7
BISMARCK WB CITY	0814	BURLEIGHT	8	46 48	100 48	1670	9A	9A	U S WEATHER BUREAU	2 3 5 7
BISMARCK WB AIRPORT	0819	BURLEIGHT	8	46 46	100 45	1650	MID	MID	U S WEATHER BUREAU	2 3 5 7
BOTTINEAU	0941	BOTTINEAU	12	48 50	100 27	1638	8A	8A	N. D. SCH OF FRSTRY	2 3 5 7
BOWBELLS	0961	BURKE	12	48 48	102 15	1953	8A	8A	FELIX L. ADAMS	2 3 5 7
BOWBELLS 5 E	0966	WARD	12	48 47	102 08	1925	8A	8A	CLOSED - - - - -	01/52
BOWMAN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2872	5P	5P	O. B. HOOK	3 2 3 5
BOWMAN 11 SE	0998	BOWMAN	3	46 04	103 19	-		6P	BERNARD L. DOMAGALA	3
BOWMAN 30 NNW	1001	SLOPE	8	46 35	103 31	-		5P	ROBERT L HANSON	3
BREIEN	1052	MORTON	1	46 24	100 57	1720		MID	FRANK E POTTER	3
BUCHANAN	1124	STUTSMAN	5	47 04	98 49	1572		MID	W. H. HENDRICKSON	3
BURT 16	1216	HETTINGER	1	46 36	102 08	-		6P	JACOB GRUEBELE	3
BUTTE	1225	MC LEAN	12	47 50	100 40	1880	6A	6A	EARL R. WARD	2 3 5
CANDO	1288	TOWNER	2	48 29	99 12	-		MID	MARRY E. HARRIS	3
CARRINGTON	1360	FOSTER	5	47 27	99 08	1579	7A	7A	SOO LINE AGENT	2 3 5
CARSON	1365	GRANT	4	46 25	101 34	2300		MID	WINCENT MUGGLI	3
CARSON NO 2	1370	GRANT	4	46 25	101 34	2331	7A	7A	ALEXANDER M. P. MADISON	2 3 5 7
CAVALIER	1435	PEMBINA	9	48 48	97 38	889	6R	6R	WILLIE HANSEN PICO	2 3 5
CENTER	1456	OLIVER	8	47 07	101 18	2100	7P	7P	FRED L. HEINZ	2 3 5 7
COLGATE	1686	STEELE	10	47 14	97 39	1180		6P	JOHN P. BURCHILL	3
COLUMBUS	1696	BURKE	12	48 54	102 47	1930		6P	J. D. SUNDELL	3
COOPERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	5P	5P	R J LOCKNER	2 3 5
COURTENAY	1816	STUTSMAN	5	47 13	98 34	1523		5P	G. H. MANAWALT	3
CROSBY	1871	DIVIDE	12	48 54	103 18	1954	6P	6P	VERNON V. NICHOLS	2 3 5 7
DEVILS LAKE WB CITY	2158	RAMSEY	2	48 07	98 52	1471	MID	MID	U S WEATHER BUREAU	2 3 5 6 7
DICKINSON CAA AP	2183	STARK	4	46 48	102 48	2587	MID	MID	U S CIVIL AERO ADM	2 3 5 7
DICKINSON EXP. STATION	2188	STARK	4	46 53	102 48	2460	7A	7A	DICKINSON EXP. STA.	2 3 5 6 7
DONNYBROOK	2242	WARD	12	48 31	101 53	1760		6P	FRED E. FELDNER	3
DRAKE	2298	MC HENRY	12	47 55	100 22	1634	8A	8A	ED. J. EVANS	2 3 5
DUNN CENTER	2365	DUNN	6	47 21	102 37	2191	6A	6A	CHARLES C. NEUSTEL	2 3 5 7
ECKMAN	2472	BOTTINEAU	12	48 39	101 03	1500	7A	7A	SOO LINE AGENT	2 3 5
EDGELEY EXP FARM	2482	LA MOURE	5	46 20	98 42	1568	8A	8A	N.D. AGRI. EXP STA.	2 3 5 6
EDMORE 1 W	2525	RAMSEY	2	48 25	98 29	1524	5P	5P	MIKE DAVIS	2 3 5 7
ELBOWOODS	2570	MC LEAN	8	47 35	102 09	2082	6P	6P	H. W. CASE	2 3 5
ELGIN 5 S	2592	GRANT	1	46 21	101 49	-		6P	ART A. ESLINGER	3
ELLENDALE	2605	DICKEY	5	46 00	98 31	1460	8R	6P	PAUL GRESS	2 3 5
ENDERLIN	2695	RANSOM	11	46 38	97 36	2004	7A	7A	LEONARD PETERSON	2 3 5
EPPING	2735	WILLIAMS	8	48 18	103 21	2224	6P	6P	T. BEACHLER	2 3 5
ESMOND	2767	BENSUN	11	48 02	99 46	1650		MID	LYLE O. FERING	3
FAIRFIELD	2809	BILLINGS	7	47	103 13	51		6P	JOHN PITRYMAN	3
FARGO WB AIRPORT	2859	CAS	10	46 54	96 48	895	MID	MID	U S WEATHER BUREAU	2 3 5
FESSENDEN	2949	WELLS	5	47 39	99 37	1621	6P	6P	EMIL E	2 3 5
FLASHER	3009	MORTON	1	46 27	101 14	1930		8A	GEORGE M. INCLAIR	3
FLAXTON	3019	BURKE	12	48 54	1 2 23	1940		6P	PALMER M. DUNHAM	3
FORBES 13 NW	3064	DICKEY	5	46 04	98 56	-		6P	THEODORE A WIPCH	3
FORMAN	3117	SARGENT	10	46 16	97 38	1249	6P	6P	HOWARD SERMAN	2 3 5
FORT YATES	3207	SIOUX	8	46 06	100 38	1640	SS	SS	GEORGE W.	2 3 5 7
FOXHOLM 7 N	3211	WARD	12	48 27	101 33	1609	5P	5P	U S WILDL FE REFUGE	2 3 5 7
FRYBURG	3277	BILLINGS	4	46 53	103 18	2790		7A	HERMAN J. MAY	3
FULLERTON	3287	DICKEY	5	46 1	98 25	1439	6P	6P	F. O ALIN	2 3 5
GACKLE	3309	LOGAN	5	46 38	99 08	1951	6P	6P	ALVIL HUMMEL	2 3 5
GARRISON	3376	MC LEAN	8	47 38	101 25	1911	MID	MID	ALBERT J. BEIHELE	2 3 5
GLEN ULLIN 13 N	3501	MERCER	6	47 00	101 47	2221		6P	CHRIST SCHILLING	3
GOLDEN VALLEY 10 S	3529	MERCER	6	47 10	102 03	1870		6P	ROBERT H BACK ESCH	3
GRACE CITY	3583	FOSTER	5	47 33	98 48	-		MID	IDA BONDERUD	3
GRAFTON STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	5P	5P	DR. J. C. LAMONT	2 3 5
GRAND FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 25	834	MID	MID	U S CIVIL AERO ADM	2 3 5 7
GRAND FORKS UNIVERSITY	3621	GRAND FORK	10	47 55	97 05	830	MID	7P	UNIVERSITY OF N. D.	2 3 5 7
GRAND RAPIDS 1 N	3665	LA MOURE	5	46 29	98 21	1360	6P	6P	ALBERT J. NE	2 3 5
GRANVILLE	3686	MC HENRY	12	48 16	100 51	1504	7P	7P	FRED ROBLE	2 3 5
GRASSY BUTTE	3696	MC KENZIE	7	47 24	103 14	2660		MID	SAM CHARCHENKO	3
GRASSY BUTTE 10 N	3701	MC KENZIE	7	47 31	103 4	2497		6P	EDSEL G. CRIST	3
GRENORA	3736	WILLIAMS	8	48 37	103 46	2124	7P	10P	L. D. LARSON	2 3 5
HALEY	3836	BUWMAN	3	45 58	103 08	-		MID	H. E. CRAWFORD	3
HALLIDAY	3846	DUNN	6	47 21	102 20	2073		6P	JOHN NISSE	3
HANKINSON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	7A	7A	SOO LINE AGENT	2 3 5
HANNAH	3936	CAVALIER	9	48 59	98 41	1570	6P	6P	U S C STOMS OFFICE	2 3 5
HANSBORO	3963	TOWNER	9	48 57	99 23	1597	7P	7P	CHARLES E DISHER	2 3 5 7
HARVEY 3 NE	4013	WELLS	11	47 45	99 53	1596		6P	H J REYNOLDS	3
HAYNES 5 NE	4073	ADAMS	1	46 00	102 24	550		MID	HAZEN EVANS	3
HETTINGER	4178	ADAMS	1	46 00	102 38	2680	6P	6P	FRED O FORTHUN	2 3 5 7
HETTINGER 17 N	4186	ADAMS	1	46 15	102 39	-		6P	G. J GERBRACHT	3 5
HILLSBORO	4203	TRAILL	10	47 24	97 04	901	6P	6P	FRED JAHNKE	2 3 5
JAMESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1497	MID	MID	U S CIVIL AERO ADM	2 3 5 7
JAMESTOWN ST HOSPITAL	4418	STUTSMAN	5	46 53	98 40	1457	7P	7P	N D ST HOSPITAL	2 3 5
KEENE 2 S	4571	MC KENZIE	8	47 54	102 56	2346		6P	KENNETH V BERGET	3
KENMARE	4646	WARD	12	48 40	102 05	1800	8A	8A	THEO. E ECKBERG	2 3 5
KENSAL WILDLIFE REFUGE	4656	STUTSMAN	5	47 15	98 52	1440	7P	7P	U S WILDLIFE REFUGE	2 3 5 7
KILLDEER 8 NW	4726	DUNN	7	47 26	102 53	2240		6R	LEONARD J. DAVIS	3 7
KULM	4843	LA MOURE	5	46 18	98 57	1970		6P	JOHN STROEHL	3
LANGDON EXP. FARM	4958	CAVALIER	9	48 45	98 21	1615	5P	5P	V. STURLAUGSON	2 3 5
LANSFORD	5002	BOTTINEAU	12	48 38	101 22	1600		6P	LOUIS SCHAEFER	3
LARIMORE	5013	GRAND FORKS	10	47 55	97 38	1134	5P	5P	BENNIE ENGEN	2 3 5
LEEDS	5078	BENSON	2	48 17	99 26	1515	6P	6P	JOHN FAGER	2 3 5
LEFOR 10 E	5088	STARK	4	46 38	102 21	2580		6P	JOSEPH LINK	3
LINTON	5210	EMMONS	8	46 16	100 14	1711	8P	8P	WILLIAM HEYERMAN	2 3 5
LISBON	5220	RANSOM	11	46 26	97 42	1093	5P	5P	N. DAK. SOLDIERS HOME	2 3 5
LITCHVILLE	5230	BARNES	11	46 39	98 11	-		6P	WILLIAM H. RUGH	3
LOSTWOOD 12 N	5320	BURKE	12	48 33	102 24	2250	6P	6P	LOSTWOOD WILDLIFE R	2 3 5
MADDOCK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	6P	6P	BENSON CY AGR SCHL	2 3 5
MANDAN EXP STATION	5479	MORTON	4	46 48	100 54	1750	8A	8A	NO. G.P. FIELD STA.	2 3 5 6 7
MANDAN FT.LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	6P	6P	PARK SUPT.	2 3 5
MANNING	5513	DUNN	6	47 14	102 46	-		MID	DONALD JEFFERIES	3
MARMARTH	5573	SLOPE	7	46 18	103 55	2714	6P	6P	S. P. GRANE	2 3 5
MARMARTH M D U CO	5575	SLOPE	7	46 18	103 55	2710		MID	E. B. JESTNES	3
MARTIN	5610	SHERIDAN	11	47 50	100 07	1610		5P	ELROY E. KESSLER	3
MAX	5638	MC LEAN	8	47 49	101 17	2093	7A	7A	SOO LINE AGENT	2 3 5
MAYVILLE	5660	TRAILL	10	47 30	97 19	975	6P	6P	H. A RAGAZ	2 3 5 7
MC CLUSKY	5710	SHERIDAN	8	47 29	100 29	1943	6P	6P	ELMER L SCHIELKE	2 3 5 7
MC HENRY 5 N	5730	EDDY	11	47 38	98 35	1509	7P	7P	C. E. BLASKY	2 3 5 7
MC LEOD 3 E	5754	RICHLAND	11	46 24	97 14	1075	7P	7P	U. G. CARLSON	2 3 5
MC VILLE	5766	NELSON	10	47 46	98 11	1467		6P	M. H. KNIEFEL	3
MEDINA 1 W	5798	STUTSMAN	8	46 53	99 19	-		6P	RUDOLPH GRAF	3
MEDORA	5803	BILLINGS	7	46 55	103 31	2270		MID	JAY J. EATON	3
MEDORA 4 NNE	5813	BILLINGS	7	46 59	103 30	2250	5P	5P	U S NATL PARK SERV.	2 3 5 7
MEDORA 23 NNW	5818	BILLINGS	7	47 14	103 36	2123		6A	ARCHIE E. MC ADOO	3
MELVILLE	5833	FOSTER	5	47 20	99 02	1625		MID	EDGAR S. STEGMEIER	3
MINOT CAA AP	5988	WARD	12	48 15	101 17	1724	MID	MID	U S CIVIL AERO ADM	2 3 5 7
MINOT EXP FARM	5993	WARD	12	48 10	101 18	1720	6P	6P	N C AGRI EXP STA	2 3 5 7
MOFFIT 4 SE	6015	BURLEIGHT	8	46 40	100 14	1760		5P	U S FISH & W L SERV.	3
MOHALL	6025	RENVILLE	12	48 46	101 31	1639	9P	9P	IVER JOHNSON	2 3 5 7
MONTPELIER	6105	STUTSMAN	5	46 42	98 35	-		6P	ROLF HANSON	3 7
MOTT	6155	HETTINGER	1	46 23	102 20	2420	SS	SS	FORREST E. COFFING	2 3 5 7

DRAINAGE CODE: 1. CANNONBALL 2 DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7 LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED 11. SHEYENNE 12. SOURIS 13. YELLOWSTONE

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Observation time: Temp.	Observation time: Precip.	Observer	Refer to tables
MUNICH 4 SW	6195	CAVALIER	2	48 38	98 53	1598	7P	7P	MARCUS FELDNER	2 3 5 7
NAPOLEON 1 SE	6255	LOGAN	8	46 29	99 45	1955	7P	7P	GLADYS J. PETERSON	2 3 5
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2621	6P	6P	ANTON SELINGER	2 3 5
NEW ROCKFORD 7 WNW	6355	EDDY	5	47 43	99 16	1550		6R	RICHARD STEINBACH	3
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2163	6R	6P	WILLIAM F. GABEE	2 3 5
NOONAN	6455	DIVIDE	12	48 53	103 01	1960		6P	GEORGE K STEK	3
NORTHGAGE	6535	BURKE	12	49 00	102 16	1850		MID	U S CUSTOMS STATION	3
NORTONVILLE	6565	LA MOURE	5	46 33	98 44	-		6P	HENRY L ERICKSON	3
OAKES	6620	DICKEY	5	46 08	98 05	1320	8A	8A	MRS. E CARRIE MURRAY	2 3 5
PARK RIVER	6857	WALSH	10	48 23	97 45	998	5P	5P	MARTIN SEVERSON	2 3 5
PARSHALL	6867	MOUNTRAIL	8	47 57	102 08	1929	6P	6P	C. E. SHUBERT	2 3 5 7
PEMBINA 2 N	6947	PEMBINA	1	49 00	97 14	790	4R	4R	U S CUSTOMS & IMMIG	2 3 5
PETERSBURG	7027	NELSON	1	48 01	98 00	1524	5P	5P	REV. ODEAN MONSON	2 3 5
PETTIBONE	7047	KIDDER	8	47 07	99 31	1860	7P	7P	L. M. DETHLOFF	2 3 5 7
PINGREE	7117	STUTSMAN	5	47 10	98 54	1572		6P	JERRY W. TANGNEY	3
PORTAL	7201	BURKE	12	49 00	102 33	1954	9A	9A	U S CUSTOMS SERVICE	2 3 5
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	7P	7R	HERBERT J. CLARK	2 3 5
PRETTY ROCK	7311	GRANT	1	46 11	101 51	-		6P	FREDA LEER	3
REEDER	7450	ADAMS	3	46 06	102 57	2810		6P	ROBERT CULLEN	3
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2860		8A	CHAS. M. METZINGER	3
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2467	5P	5P	ASSUMPTION ABBEY	2 3 5 7
RIVERDALE	7585	MC LEAN	8	47 30	101 2	1910	8A	8A	CORPS OF ENGINEERS	2 3 5 7
ROLLA	7664	ROLETTE	9	48 52	99 37	1861	7P	7P	THEO B. FAGERLUND	2 3 5 7
RUGBY	7704	PIERCE	2	48 22	100	560	6P	6P	FRANK HORNSTEIN	2 3 5
RYDER	7749	WARD	8	47 55	101 40	2108		6P	S C SCHELLENBAUM	3
SAN HAVEN	7824	ROLETTE	12	48 50	100 12	2461	6P	6P	N.D.A. STATE HOSP	2 3 5 7
SANISH	7834	MOUNTRAIL	8	47 59	102 32	2035	7A	7A	CLOSED - - - - -	9/30/52
SCRANTON	7932	BOWMAN	3	46 09	103 09	2776		6P	FRANK TIMM	3
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	2183		7A	L E WILSON	3
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	1 3 49	-		7P	G. E. BURY	3
SHARON	7986	STEELE	10	47 36	97 54	1516	8P	8R	HUGH LYON	2 3 5
SHERWOOD 3 N	8047	RENVILLE	12	48 00	101 38	1647		6P	U S CUSTOMS SERVICE	3
SHEYENNE	8057	EDDY	11	47 50	99 07	1480		MID	ALVIN H KENNEDY	3
SHIELDS	8065	GRANT	1	46 14	101 07	-		6P	EDWIN L CARLSON	3
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	7R	7P	JERRY EDWAR	3 5 7
STEELE	8366	KIDDER	8	46 51	99 55	1977	6R	6P	STEELE OZONE PRO	2 3 5
SYKESTON	8608	WELLS	5	47 8	99 24	1634		6P	EDWARD SONDAG	3
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		6P	GEORGE N. PILGRIM	3
TIOGA	8737	WILLIAMS	8	48 24	102 5	2279		6R	L. A. SIMON	3
TOLLEY 5 NNE	8764	RENVILLE	12	48 47	101 47	1663		5P	HENRY M CHRISTEN	3
TOWNER	8792	MC HENRY	11	48 2	4	1492	7P	7P	AUGUST B RIEDER	2 3 5
TROTTERS 6 WNW	8807	MC KENZIE	13	4	04 3	2426		5P	WALTER GRUNEWALD	3
TURTLE LAKE	8840	MC LEAN	8	47 31	1 11	1893			CLOSED	3
TUTTLE	8850	KIDDER	8	47 08	170	1880		5R	THEODORE C MISNER	3
UNDERWOOD	8867	MC LEAN	8	47	0	2026	7A	7A	LARENCE W JOHNSON	2 3 5
URHAM 3 N	8913	MC HENRY	12	48 3	44	1425	5P	5P	ES M DL FE R F	3
VALLEY CITY	8937	BARNES	11	46 55	98 0	1214	6R	6P	MISS I ROBERT JA	2 3 5
VAN HOOK	8957	MOUNTRAIL	8	47 51	21	1864	6P	6R	CLOSED - - - - -	8/52
VELVA	8996	MC HENRY	12	48 03	100 55	1510	6P	6P	CARL ANDERSON	2 3 5
VIDORA	9055	LA MOURE	5	46 2	98 5	1382		6R	WARREN TING	3
WAHPETON STATE SCHOOL	9155	RICHLAND	1	46 16	96 36	962	5P	5R	T CH OF	2 3 5
WALHALLA	9155	PEMBINA	9	48 55	97 55	951		6R	HELEN A GAMMEL AY	3
WARWICK	9185	BENSON	11	47 51	98 42	-		6P	LINCOLN JOHNSON	3
WASHBURN	9195	MC LEAN	8	47 1	1 1	1731	6R	6P	FRED KRA	2 3 5
WASHBURN WATER WORKS	9205	MC LEAN	8	47	2	1730		MID	WASHBURN WATER WO	3
WATAUGA 8 N, S DAK	9 9	GRANT	1	46 2 1	34	2474		6R	MARY E KATZ	3
WATFORD CITY	9233	MC KENZIE	7	46 48	3 17	2384	8P	8P	J L LUER	2 3
WATFORD CITY	9238	MC KENZIE	7	46 48	3 22	-		MID	LA PETER	3
WE HOPE	9333	STEELE	10	47 19	97 38	1518	5	6P	RE R CAPPY	3
WILLISTON	9545	WILLIAMS	8	48 09	103 37	2358		6P	JONATHAN WINNER	3
WILLISTON WB CITY	9544	WILLIAMS	8	48 09	103 37	1887	MID	MID	WEATHER BUREAU	2 3 5 7
WISHEK	9744	SCOTLAND	1	46 15	98 34	1411	7P	8R	M. ANDERSON	2 3 5
WOLFORD 5 E (BAI. N	9790	MC LEAN	8	47 30	101 46	2018		6P	LOUISE AGENT	3
WISHEK	45	MC INTOSH	8	46 16	99 34	2	5P	5P	A. ELSING R	3
WOODWORTH 5 E	42	STUTSMAN	5	47 9	99 12	-		6P	ROBERT ROHRER	3
ZAHL	3635	WILLIAMS	8	48 34	3 4	2		6P	JOHN DEVRIESEN	3

NEW STATIONS

NEWTON	3 3	MCINTRA	8	47 59	2 29	2 9	6P	6P	FRANK A W	2 3 5
WATFORD CITY	9 46	MCKENZIE	7	47 36	103 17	-		5P	THE R T W LT MD	

* NEWTON RECORD WILL BE A CONTINUATION OF THE SANISH RECORD

CDRRECTIDNS

April 1952, Edgeley Experiment Farm, Table 2, average maximum should be 57.4, average minimum 33.0, average 45.2, departure +2.6, lowest 16 on 10th, and number of days with minimum 32° or below 17.

Edgeley Experiment Farm, Table 5, minimum on 7th should be 26, 10th 16, 21st 40, 22nd 30, and mean minimum 33.0. Maximum on 22nd should be 58, on 30ih 84, and mean maximum 57.4.

May 1952, Edgeley Experiment Farm, Table 2, average minimum should be 40.0. Delete lowest nnd date.

Edgeley Experiment Farm, Table 5, minimum of 5th sbould be 54, 7th 46, 15th 33, and average minimum 40.0.

June 1952, Bowbells 5 E, Table 2, average maximum should be 71.5 and average 60.0.

Bowbells 5 E, Table 5, maximum on 12th should be 77, 14th 77, 15th 77, 28tb 65, and average maximum 71.5.

Jamestown CAA AP, Table 2, mean maximum should be 79.5.

July 1952, Bowbells 5 E, Table 2, average minimum should be 51.8 and average 63.8.

Bowbells 5 E, Table 5, minimum on 23rd should be 46, 24th 57, and average minimum 51.8.

Dickinson CAA AP, Table 6, evaporation on 31st should be .20 and total 7.88.

August 1952, Edgeley Experiment Farm, Table 2, average maximum should be 84.0 and average minimum 52.4.

Edgeley Experiment Farm, Table 5, minimum on 12tb should be 47, 21st 43, 24th 60 and average minimum 52.4. Maximum on 20th sbould be 93 and avernge maximum 84.0.

Table 2, state average temperature should be 67.3 and departure 0.3.

Table 1, nverage temperature for 1952 sbould be 67.3

Weather Summary, 2nd paragraph, 1st line, change 67.5 to 67.3 and 0.5 to 0.3.

vember 1952, Cooperstown, Table 2, highest temperature should be 61.

REFERENCE NOTES

be four digit identification numbers in tbe index number column of tbe Station Index are assigned on a state basis. There will be no duplication of numbers itbin a state.

igures and letters following tbe station name, sucb as 12 SSW, indicate distance in miles and direction from the post office.

bservation times given in tbe Station Index are in local standard time.

elayed data and corrections will be carried only in tbe June and December issues of this bulletin.

onthly and seasonal snowfall and heating degree days for tbe preceding 12 montbs will be carried in tbe June issue of this bulletin.

tation names appearing in tables, but for which data are not listed, are either missing or received too late to be included in tbis issue.

nless otherwise indicated, dimensional units used in tbis bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in iles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weatber Bureau type pan of 4 foot diameter unless otberwise bown by footnote following Table 6.

leet and bail were included in snowfall averages in Table 1, beginning witb July 1948.

mounts in Table 3 are from non-recording gages, unless otherwise indicated.

ata in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 bours ending at time of observation. See the Station Index for observation time.

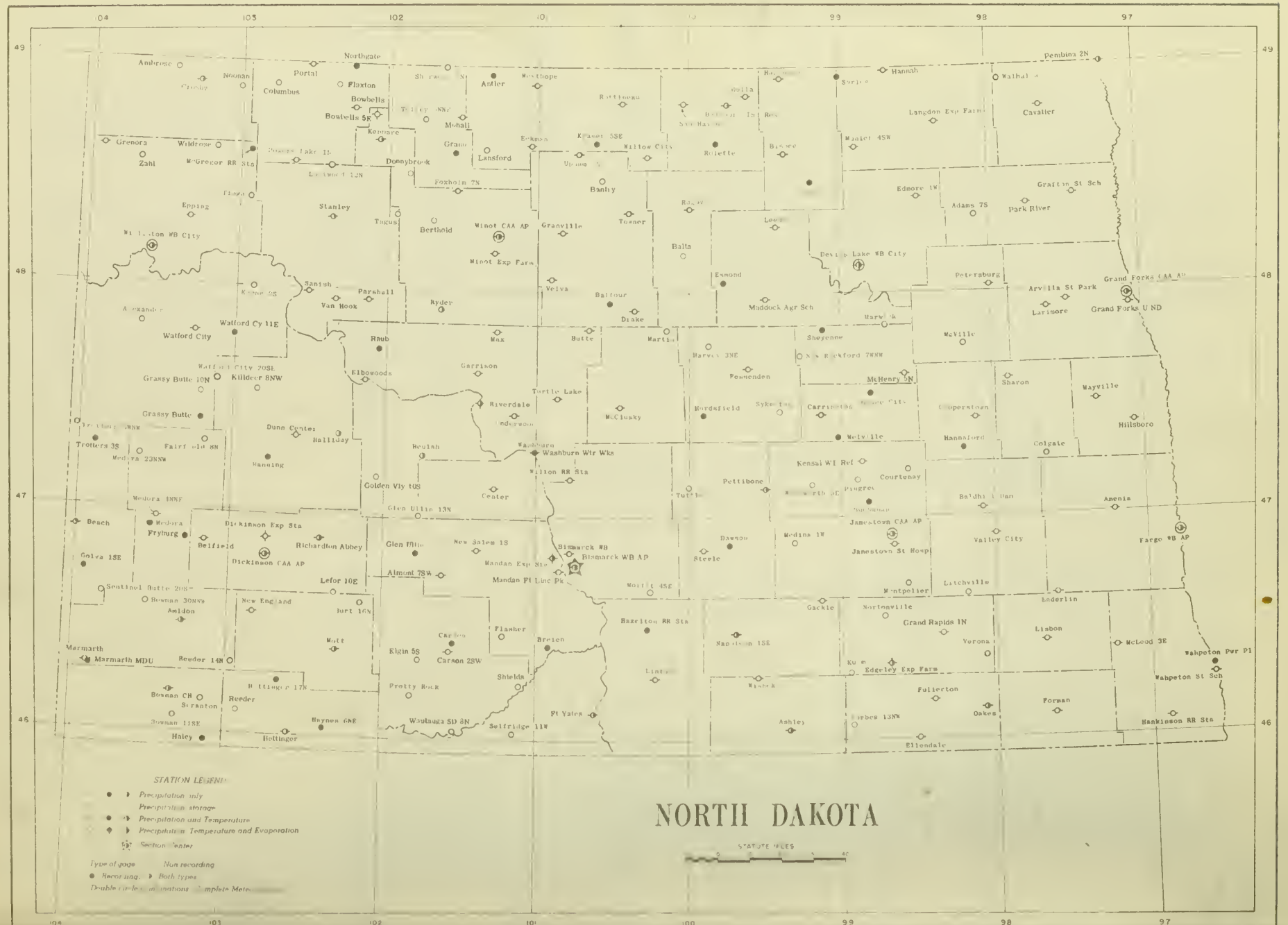
now on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. WTR EQUIV" in Table 7 means tbe water equivalent of snow on tbe ground. It is measured at selected stations when tbe deptb of snow on the ground is two nches or more.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+ And also on a later date or dates.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped witb a windsbield.
B Adjusted to a full montb.
E Water equivalent of snowfall wbolly or partly estimated, using a ratio of 1 incb water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent tbe value for tbe full month.
R Daily values and montbly total from recording gage.
T Trace, an amount too small to measure.
V Includes total for previous month.
SS Tbis entry in time of observation column in Station Index means observation made near sunset.

ubscription Price: 15 cents per copy; monthly and annual, $1.50 per year. (Yearly subscription includes tbe Annual Summary.) Cbecks and money orders hould be made payable to tbe Treasurer of tbe United States. Remittances and correspondence regarding subscriptions should be sent to the Superintendent f Documents, Government Printing Office, Washington 25, D. C.

W.R.P.C., Kansas City, Mo. -- 2-12-53 -- 1050

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".



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Nat. Hist.

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

1953

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ANNUAL SUMMARY 1952

Volume LXI No. 13

KANSAS CITY: 1953

NAT.
HIST.

NORTH DAKOTA - 1952

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

Temperatures for the year 1952 averaged slightly above normal, while precipitation averaged considerably below normal. Average temperature for the year was 41.3° or 1.3° above normal and 4.1° higher than in 1951. Higbest temperature reported during the year was 105° at several stations in July and in August. The lowest temperature was -37° at Pembina and Willow City on January 1. January and March averaged considerably below normal but February, April, May and December averaged considerably above normal. The average precipitation was 12.25 inches which is 72% of the normal. April averaged only 9% of normal and October precipitation averaged only 10% of normal. The period from September 1st to December 31st was the driest in the climatological history of the state. Average snowfall for the state was 25.9 inches.

The weather during the year was exceptionally favorable for outdoor work. 1952 was the fourth driest year of record but subsoil moisture was mostly good at the beginning of the crop season and with beneficial showers in late June and early July the harvest was mostly good. The year was favorable for livestock.

SUMMARY BY MONTHS

January averaged below normal in temperature and above normal in precipitation. The first half was relatively mild. The third week was more unsettled with considerable snow. The most severe blizzard occurred from the 20th to 22nd, mainly in the southern and eastern parts of the state, during which transportation was handicapped. The month closed with a January thaw which settled the snow several inches. The heaviest snow was reported in the southern third of the state but some portions of the northwest had heavy snowfall on the 14th.

February was mild with the first two weeks averaging near record high levels and the last half near to slightly below normal. The only severe blizzard conditions occurred on the 18th and 19th when the southern and western counties received heavy snow which blocked roads and some branch rail lines. The northeast and north-central portions escaped the snow and there was no interruption to road and rail travel at any time during the month.

March was marked by the absence of severe blizzards, but heavy snow continued to accumulate in tbe southeastern and southwestern counties. An emergency was declared in Bowman and Slope counties where the combination of an unusually long winter and heavy snowfall had reduced livestock feed supplies practically to the vanishing point on a number of farms. North-central and northeast counties, however, continued to enjoy one of the finest and most open winters on record. The month averaged below normal both in temperature and precipitation for the state as a whole.

April was the driest in the climatological bistory of the state. It was also marked by a heat wave during the last five days in which the all-time high April temperature record was equalled and which was probably longer than any similar heat wave on record in Nortb Dakota. Near record floods on many streams left severe damage in their wake. Damages were estimated at several million dollars. On the other hand, the warm and rainless weather provided a very comfortable condition for carrying on outdoor work.

May was warm and rather dry. It was ideal for completing spring seeding. Dry topsoil conditions, bowever, kept many farmers from seeding flax. Moderate to heavy rains at tbe close of the month in the southern sections relieved a developing drouth condition. Livestock made good progress during tbe month. There were substantially no losses due to unfavorable weather conditions. Pastures developed ratber slowly but by the middle of the month were supplying most of the livestock feed requirements. High winds on the 6th, 12th and 28tb caused some soil blowing and damage to buildings in scattered areas.

June opened with scattered showers ranging up to an inch in some northern sections but it was not very effective in relieving the drouth. During the next two weeks, rainfall continued to be spotty, although some stations had heavy rain; crops in general made slow progress. Top soil moisture was deficient in nearly all counties. Pastures were backward and hay and feed crops were practically at a standstill. Some livestock were being shipped because of feed shortage. The heavy rains during tbe last week broke the drouth over the entire state. A considerable number of quite severe storms occurred with more tban normal property and crop damage due to hail and high wind.

July was a favorable month in which small grain and feed crops made record improvement. Substantially better yields developed than had been expected considering the severe drouth conditions that had prevailed until near the end of June. At the beginning of the montb, soil moisture was abundant to adequate in all sections. Very heavy rain in a few eastern counties in the first days of the montb caused some damage to crops. In general soil moisture continued ample throughout the month, except that topsoil moisture was becoming short in many sections at the close. A considerable number of severe windstorms were reported, several being tornadoes. One of the most severe was one that struck in Burleigh and Kidder Counties. Eight homes were destroyed and more tban 200 damaged; 175 other buildings were destroyed and over 600 damaged in tbe two-county area.

August provided one of the most favorable barvest seasons of recent years. The warm weather produced high quality grain in nearly all sections. Crop yields were also better than generally expected. Black stem rust caused some damage to late seeded fields but due to the favorable weatber, it was not as bad as expected. Rainfall was spotted and most of the heaviest rain fell near the end of the month. Torrential rains occurred in the Napoleon and Almont areas on the 25th.

September was warm and dry. Only scattered areas approached normal rainfall. It was ideal harvest weather but pastures were dry and afforded less feed than is normal at this season of tbe year. It was one of the ten driest and warmest September's since records began. The coldest period was from the 19th to 23rd. A number of stations nad their first killing frost at this time but some areas did not have a killing frost during the month. Harvesting and threshing proceeded rapidly under unusually favorable weather conditions. There were no severe storms.

October was nearly ideal for outdoor work. It was the driest October of record, with tbe temperature slightly below normal. The dry weatber permitted the completion of all harvesting, with late crops generally reported to be of high quality. Soil moisture was low in all sections of the state. As a result, considerably less tban the usual amount of fall plowing was done. Livestock continued in good condition on ratber limited range feed. Some yard feeding was begun in scattered areas due to short supplies of range feed. There were no severe storms.

November was warm and was ideal for outdoor work. It was unusually dry in all sections except in the extreme eastern counties wbere many stations received from one to two inches of precipitation on the 17tb. This moisture improved soil considerably in those sections but in tbe central and western sections, soil moisture continued poor. A few stations in the western section had no measurable precipitation. Sleet and freezing rain in tbe southeastern counties on tbe 17th and 18th did considerable damage, especially to communication and power lines.

December was a warm, dry month. Only ten otber Decembers had higher state average temperatures. Tbere were only four drier Decembers since state-wide records began. No severe storms occurred. Due to light snow cover, grazing conditions were good and livestock continued in good condition. Subsoil moisture was poor at the end of December.

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ALMONT 7 SW	7.7		21.0		17.8		49.2		57.1		67.7		69.2		69.6		64.5		47.7		32.6		25.5		44.1	
AMENIA	1.8	- 3.2	17.5	8.4	22.1	- 2.6	48.4	6.8	57.6M	2.9	67.9	4.0	69.9	0.0	68.1	1.0	63.2	5.3	43.5	- 1.2	32.2	5.2	18.7	5.9	42.6	3.6
AMIOON	8.0	- 6.6	19.4	3.2	17.2	-11.0	47.5	6.1	54.9	1.4	64.7M	1.4	67.8	- 2.6	67.9	- 0.5	61.3	2.9	45.7	0.7	31.1	0.5	25.6	6.5	42.6	0.2
ARVILLA STATE PARK	1.0		17.3		21.5		48.3		53.8M		-		68.3		66.3		-		47.2		30.5		16.9		-	
ASHLEY	5.0	- 3.7	17.4	6.5	17.6	- 7.3	46.1	3.7	55.0	0.8	67.5	4.3	69.9	0.7	67.5	0.3	62.7	4.8	43.6M	- 0.8	30.7M	2.3	18.9	4.1	41.8	1.2
BALDHILL DAM	1.9		16.7		19.2		48.2		57.2		67.3M		71.3M		-		-		-							
BEACH	7.6	- 4.5	18.5	2.5	17.4	-10.2	48.4	6.2	55.3	2.3	64.0	1.4	67.0	- 2.9	67.9	0.7	59.3	1.9	43.6	- 0.9	29.9	- 0.8	23.6	5.2	41.9	0.1
BELCOURT INDIAN RES	0.9		14.6		15.7		47.2		51.7		60.0		62.9		62.1M		56.3		39.7M		27.2		15.4		37.7	
BELFIELD	9.3M	- 5.0	20.9	5.5	18.6M	- 8.9	48.1	6.0	54.4	1.3	64.4	2.7	66.9M	- 3.1	67.2M	- 0.8	61.2	3.2	45.2	- 0.5	29.4	0.0	23.6	3.8	42.4	0.3
BISBEE	0.0	- 1.2	16.3	9.8	19.1	- 3.4	50.0M	9.3	54.5M	1.8	63.2	1.1	66.7	- 0.7	65.5	- 0.2	58.7	2.0	40.9	- 2.9	28.8	2.4	16.9	7.2	40.1	2.1
BISMARCK WB CITY	4.5	- 3.5	19.5	7.9	18.2	- 7.0	49.1	6.0	57.4M	2.6	67.6M	3.4	69.9	- 0.6	69.5	1.3	63.6	5.5	45.8	0.6	32.6	4.1	21.4	5.7	43.3	2.2
BISMARCK WB AIRPORT	1.8	- 4.5	17.4	8.9	17.4	- 4.5	48.5	8.1	55.6	2.6	67.2	4.3	69.6	0.7	68.5	1.8	63.2	5.9	44.0	0.4	30.4	3.9	20.6	7.8	42.0	3.0
BOTTINEAU	3.4	- 4.8	15.4	10.5	16.8	- 4.0	47.7	8.7	53.8	1.5	61.6	- 0.4	64.3	- 3.3	65.4M	0.5	57.5	2.0	40.3	- 1.1	27.3	3.7	13.7	5.4	38.4	1.6
BOWBELLS	0.4	- 4.4	14.3	6.6	14.9	- 6.6	47.7	8.4	54.1	1.7	61.0	- 0.8	65.1	- 2.4	65.6	0.8	57.2	2.6	41.4M	- 0.4	28.4M	2.2	16.1M	5.2	38.8	0.9
BOWBELLS 5 E	1.2M		14.8		14.0		48.3		52.6		60.0		63.8		64.5		56.8								-	
BOWMAN COURT HOUSE	9.7M	- 4.9	19.3	1.9	17.3	-11.0	47.5	5.1	54.9	1.3	65.5	2.1	68.0	- 2.9	67.8	- 0.3	62.1	4.3	46.9	2.1	31.5	1.0	26.2M	8.6	43.1	0.6
BUTTE	3.6	- 4.3	17.4M	4.3	17.8	- 8.6	50.1	8.8	54.8M	0.0	63.7	1.2	66.3M	- 3.7	65.1M	- 2.1	58.8M	1.3	41.6M	- 3.2	29.8M	3.3	18.8M	4.0	40.7	0.1
CARRINGTON	0.6M	- 6.1	15.9	7.0	17.0	- 6.7	47.2	7.6	54.7	1.6	63.0M	- 0.4	67.4M	- 2.0	66.1	- 1.0	59.1	2.2	40.9	- 2.8	29.8M	2.5	15.6M	3.0	39.8	0.4
CARSON NO 2	7.1	- 3.0	19.3	4.8	17.3	- 9.7	47.7M	5.2	57.3M	2.8	-		68.7	- 2.1	69.3M	0.7	60.7M	2.6	44.9M	0.4	31.0M	1.2	23.1M	6.5	-	
CAVALIER	—		—		-		-		56.2	2.6	66.7	4.1	69.2	0.2	67.7	1.8	60.6	5.3	43.1	0.1	30.9	6.2	18.2	7.7	-	
CENTER	3.6	- 6.2	19.3M	6.8	16.0	-10.5	48.1	5.3	55.4M	0.9	66.1M	2.4	67.6	- 3.4	66.8M	- 1.2	59.7M	1.6	43.0	- 2.3	30.4	1.9	22.0	5.6	41.5	0.1
COOPERSTOWN	1.9	- 2.4	17.0	9.2	20.6	- 3.7	48.2	7.9	55.8	2.0	65.9	2.7	68.9	- 0.7	67.3	- 0.1	61.9M	4.2	42.5M	- 2.2	31.2	2.9	16.7	3.7	41.5	2.1
CROSBY	1.5	- 2.9	15.2	5.7	16.7	- 7.1	49.5	9.6	54.8M	2.5	61.6	- 0.1	64.7	- 3.2	66.9	1.9	58.7	3.9	43.0M	0.8	29.4M	2.9	18.4	5.5	40.0	1.6
DEVILS LAKE W B CITY	0.9	- 0.9	17.0	11.9	19.5	- 0.3	48.7	9.9	54.4	1.8	64.5	2.6	67.8	0.4	66.7	1.9	59.8	3.9	41.3	- 1.1	29.5	5.0	16.6	7.1	40.6	3.6
DICKINSON CAA	7.3	- 3.3	19.0	6.2	16.2	- 9.3	48.2	6.4	54.3	1.6	65.4	3.3	67.4	- 1.6	67.5	1.0	61.8	5.4	44.6	0.8	29.6	1.4	24.6	7.8	42.2	1.7
DICKINSON EXP STA	5.1M	- 5.5	19.1	6.3	16.2	- 9.3	47.9	6.1	55.5	2.8	64.5	2.4	67.1	- 1.9	67.8	1.3	60.6	4.2	43.6M	- 0.2	29.4	1.2	22.9	6.1	41.6	1.1
DRAKE	1.4M	- 4.1	16.8	6.4	16.2	- 8.5	48.5M	8.1	56.6M	1.9	64.4	0.6	67.4	- 4.2	67.3	- 0.3	59.7	2.1	42.9M	- 0.2	30.7	4.8	17.7M	2.3	40.8	0.7
DUNN CENTER	3.8	- 8.4	17.4	3.3	14.6	-11.4	46.4	4.9	54.5	1.7	63.6	1.1	65.7M	- 3.3	66.3	- 0.1	58.2	1.7	42.6	0.5	29.2	1.3	21.5	3.5	40.3	- 0.5
ECKMAN	3.9	- 7.0	15.2M	7.7	16.1	- 6.9	48.4	8.0	54.1	1.5	60.7M	- 1.3	65.3	- 2.7	65.2	0.2	57.0	1.3	-		28.1M	2.7	14.3	4.0	-	
EDGELEY EXP FARM	3.7M	- 5.1	17.4M	4.6	15.2M	-12.1	45.2	2.6	54.4M	0.0	65.3	1.7	69.0	- 0.9	68.2	0.5	62.0	3.7	43.1	- 2.5	30.6M	1.3	17.0	2.0	40.9	- 0.4
EDMORE 1 W	0.7	- 0.9	15.8	11.0	17.7	- 3.4	46.4	7.1	53.2	0.0	63.2M	0.9	65.9	- 1.6	64.9	0.1	58.6	2.2	39.9	- 2.6	27.6	3.0	13.7	3.2	38.9	1.6
ELBOWOODS	2.2M	- 6.4	18.6M	6.5	16.2	-10.0	-		-		65.3M	1.9	68.1M	- 1.8	68.6M	0.7	61.5M	4.0	45.4M	0.6	30.6M	2.2	22.0M	6.1	-	
ELLENDALE	5.9	- 4.1	19.5	6.4	20.6	- 6.6	48.2	5.5	57.0	1.7	69.9	5.1	72.3	1.4	71.0	2.3	65.1	6.3	45.9	0.0	33.1	4.7	21.1	4.8	44.2	2.4
ENDERLIN							46.7		55.3		65.7		68.0M		68.3M		61.8		42.2		30.8		17.8		-	
EPPING	3.5	- 1.7	16.3M	6.9	16.9	-10.1	50.3	8.6	56.5	1.5	64.9	1.8	67.0	- 3.8	68.7	1.2	60.0	3.3	44.5	2.4	30.3	4.0	20.9	5.7	41.7	1.7
FARGO WB AIRPORT	1.4	- 2.4	16.5	8.2	20.4	- 2.3	48.0	7.4	56.1	1.0	67.3	2.9	69.7	1.6	67.9	1.8	62.4	4.2	41.8	- 2.7	30.8	3.7	18.7	7.2	41.8	2.6
FESSENDEN	1.3M	- 3.4	16.4	6.7	17.1	- 6.6	49.2	8.8	55.3	2.0	63.9	1.3	68.0M	- 1.4	66.6	- 0.1	61.3	4.7	42.6	- 0.7	31.5M	4.9	18.1	6.3	40.9	1.8
FORMAN	5.7	- 1.9	18.0	6.1	—		—		—		68.6	3.0	71.4	1.3	70.3	2.1	63.9	4.4	44.0	- 2.0	32.5M	3.9	19.7	4.4	-	
FORT YATES	6.9	- 2.7	20.8	8.2	22.6M	- 4.6	48.8	4.0	56.4	- 0.3	69.7M	3.1	71.2	- 1.5	69.4M	- 0.3	65.7	5.5	-		33.4M	3.4	-		-	
FOXHOLM 7 N	2.9	- 3.9	18.8	6.8	18.3	- 7.1	51.5	10.7	56.3	2.1	64.5	2.6	67.8	- 1.9	67.3	0.7	60.7	4.5	45.0	2.1	31.5M	5.9	18.7	4.5	41.9	2.2
FULLERTON	4.5	- 4.6	18.7	6.3	20.6	- 6.5	48.3	5.6	56.6	1.8	68.1	3.9	71.0	0.8	70.0	2.0	63.9	5.9	44.7	- 0.6	31.9	2.9	19.0	3.8	43.1	1.8
GACKLE	2.5	- 5.2	16.7	6.2	18.0M	- 7.3	47.5	5.4	57.4	3.1	67.3M	4.3	69.7	- 0.3	68.8M	1.3	63.3M	5.5	44.2M	- 1.2	31.6M	4.2	18.7M	4.2	42.1	1.6
GARRISON	3.6	- 4.3	17.4	6.3	16.1	- 8.3	49.1	7.0	55.7M	2.1	64.8	1.9	67.2	- 2.0	67.4	0.8	60.4M	4.5	43.2	0.0	30.3	3.8	20.4	6.0	41.3	1.5
GRAFTON STATE SCHOOL	0.9	- 1.7	18.7	11.4	21.9M	0.2	48.9	8.3	55.9	1.8	66.1M	2.4	69.0	0.2	66.6	0.6	59.9	2.9	41.6	- 2.2	28.9	3.9	15.4	4.7	41.2	2.7
GRAND FORKS CAA	0.4	- 4.0	15.9	8.2	22.1	- 0.4	48.4	7.1	54.6	0.4	65.2	1.8	68.5	0.0	66.2	0.2	60.5	3.6	40.6	- 3.1	29.4	3.6	17.7	6.7	40.7	2.0
GRAND FORKS UNIV	0.2M	- 3.8	17.8	10.1	22.6	0.1	49.6	8.3	55.8	1.6	65.1M	1.7	69.6	1.1	66.4	0.4	61.5	4.6	42.1	- 1.6	31.2	5.4	18.8	7.8	41.7	3.0
GRAND RAPIDS 1 N	4.2M		16.8M		19.8		47.8		56.4		67.7M		70.8		69.7		63.2		44.3M		31.5		17.2		42.5	
GRANVILLE	2.0	- 3.1	17.5M	7.5	18.2	- 6.3	50.3M	9.5	55.1M	2.2	64.0	1.3	66.9M	- 1.8	67.7M	2.0	61.1M	5.2	43.6	0.0	31.4	5.0	17.8	4.8	41.3	2.2
GRENORA	2.8	- 2.1	16.5M	7.5	16.0	- 6.4	49.4	10.1	53.6M	1.4	62.0M	1.0	66.6M	- 0.8	67.6	2.0	60.2M	4.9	44.9	2.8	31.2	5.1	20.3	8.0	40.9	2.9
HANKINSON R R STA	3.4	- 4.5	17.1M	3.0	17.9	-10.7	45.8M	2.3	57.2M	- 0.8	67.7	0.8	71.3	- 0.1	69.3M	- 1.4	62.1	1.6	42.5	- 4.1	32.4M	3.5	19.0	1.3	42.1	- 0.8
HANNAH	1.6	- 2.8	15.0	12.4	17.8	- 1.4	48.1M	10.2	52.3	0.7	61.9M	1.4	65.9M	- 0.3	64.2	0.1	57.4	2.6	40.1M	- 0.7	27.5	6.8	14.5	6.9	38.6	3.2
HANSBORO	0.3M	- 0.9	16.2M	10.1	18.5M	- 2.2	48.3M	9.7	52.6M	1.1	62.0M	1.2	65.3M	- 1.0	63.5M	0.0	58.0M	3.8	41.4	0.1	28.9M	5.4	16.4M	7.2	39.2	2.8
HETTINGER	10.1M	- 3.6	20.6	4.1	17.7	-11.2	47.3M	4.4	56.0M	1.5	67.0M	3.0	69.5	- 2.2	68.8	- 0.1	63.1	4.5	45.3	- 0.8	31.0	- 0.4	26.5	8.2	43.6	0.6
HILLSBORO	1.3	- 3.6	17.1	6.9	21.3	- 4.0	-		55.7	0.9	67.1	2.4	69.5	- 1.2	67.5	- 0.7	62.3	3.3	43.6M	- 1.6	32.3	5.0	18.5M	6.5	-	
JAMESTOWN CAA	2.6	- 4.5	16.8	6.9	18.7	- 5.7	47.7	6.0	54.4	0.3	65.7	2.0	68.8	- 0.8	67.2	0.3	61.5	4.5	42.3	- 2.4	30.1	2.8	16.5	2.6	41.0	1.0
JAMESTOWN STATE HOSP	3.3	- 3.8	17.9	8.1	19.5	- 4.9	48.6M	6.9	56.0	1.9	66.3	2.6	70.2	- 0.6	69.0	2.1	62.9	5.9	43.7	- 1.0	31.1	3.8	17.8	3.9	42.2	2.2
KENMARE	0.5	- 5.3	16.0	7.1	16.1	- 7.1	48.4M	8.2	54.7	0.8	61.7	- 0.7	65.6	- 3.7	66.0	0.0	57.5	1.3	41.8	- 1.7	29.4	3.1	18.1	3.9	39.7	0.6
KENSAL WILDLIFE REF	2.3M		16.7		18.5		47.5		54.0M		65.1		68.3M		66.2M		60.9M		42.6		28.9M		17.0		40.7	
LANGDON EXP FARM	0.2	- 0.6	16.2	11.4	18.7	- 1.1	48.0	10.4	53.4	1.6	62.6	2.0	65.3	- 1.0	65.4	1.7	58.9	5.4	40.3	- 0.6	27.6	3.9	14.5M	5.7	39.3	3.4
LARIMORE	2.8	- 1.0	18.6	10.9	22.2	- 0.5	48.8	8.6	55.7	2.3	66.3	3.4	68.8M	0.7	67.0M	1.1	60.5M	4.1	43.0M	- 1.1	31.3M	5.5	18.0	6.5	41.9	3.4
LEEDS	1.6M		17.3		19.7		50.9		56.0		66.0M		67.8M		67.6		60.6M		41.9M		29.4M		16.2		41.2	
LINTON	4.3	- 5.0	18.2	4.4	20.0	- 8.0	48.7	5.9	57.0	1.3	68.9	3.7	70.9	- 1.8	69.7	- 0.4	64.3	4.5	44.8	- 0.7	31.1M	2.3	20.7	5.4	43.2	1.0
LISBON	2.1M	- 5.5	17.1M	5.5	19.2M	- 8.1	46.4	4.3	56.3	1.2	—		—		-		62.2M	4.1	-		30.7M	1.9	17.2M	2.4	-	
LOSTWOOD 12 N	—		—		—		52.6M		54.3		60.7M		64.5		64.7		57.3		40.8M		27.8		18.5		-	
MADDOCK AGR SCHOOL	0.8	- 3.8	16.7	6.5	18.0	- 6.3	48.5	7.9	55.3	1.5	65.0	2.8	67.4	- 1.5	67.2	0.7	60.0	3.1	41.8	- 1.7	29.5	3.3	16.0	4.6	40.5	1.4
MANDAN EXP STATION	3.0	- 5.6	18.6	6.0	16.5	-10.3	47.2	4.6	55.7	0.6	66.1	1.7	68.5	- 3.4	68.7	- 0.2	62.4	3.8	44.7	0.0	31.2	2.3	20.7	5.6	42.0	0.5
MANDAN FT LINCOLN PARK	5.6		20.9M		20.4M		50.2		57.6		68.5M		70.6		69.8		64.6M		46.4M		32.9		22.6M		44.2	
MARMARTH	7.6M	- 5.9	19.2M	2.0	19.7M	- 9.1	-		56.6M	3.0	67.1M	3.7	69.5M	- 1.7	-		-		43.1M	- 2.9	30.6M	- 0.9	23.6M	5.1	-	
MAX	1.4	- 3.1	16.7	7.1	15.9M	- 8.6	48.7	8.1	56.0	1.9	64.7	1.1	67.2	- 4.2	67.3	- 0.1	59.3M	2.7	41.2	- 1.7	28.8	3.1	18.8M	4.4	40.5	0.9
MAYVILLE	1.7	- 4.3	17.6	7.8	22.4	- 2.3	48.7	6.2	55.4	0.0	67.1	2.6	68.8	- 1.4	67.8	- 0.1	62.1	3.6	43.6	- 2.4	31.5	3.7	18.9	5.6	42.1	1.5
MC CLUSKY	3.7M	- 2.7	16.7	4.9	16.5	- 9.7	49.0	7.9	56.1	2.1	65.4	3.1	68.6M	- 1.8	67.9	0.7	61.6	4.4	43.3	- 0.1	29.3	3.7	19.1	5.4	41.4	1.5
MC HENRY 5 N	0.1	- 1.6	15.5	10.1	17.8	- 5.2	46.8	6.2	54.1	1.4	63.5	1.7	66.4	- 1.7	65.6	- 0.1	59.4M	3.6	41.2	- 2.1	28.7	2.1	15.2	4.4	39.5	1.6
MC LEOD 3 E	4.1M	- 4.2	16.2M	3.2	20.2	- 7.6	47.6	4.0	56.7M	0.9	67.9M	2.6	70.9	- 0.5	69.3	0.8	64.2M	4.6	44.7M	- 1.8	31.0M	1.3	19.0	3.9	42.7	0.7
MEDORA 4 NNE	7.0M		20.9		20.6M		49.0		56.0		66.4		68.7M		68.7M		60.3M		44.9		29.9		21.2M		42.8	
MINOT CAA	3.5	- 3.1	17.7	7.5	18.0	- 5.6	50.7	9.9	54.6	1.5	63.0	0.4	66.8	- 2.0	66.7	1.1	59.7	3.3	43.6	- 0.2	30.5	2.4	20.2	7.1	41.2	1.5
MINOT EXP FARM	2.7		17.5		17.3		50.3M		56.1M		64.3		67.1M		66.8M		60.0		43.9M		31.0		19.9		41.4	
MOHALL	0.7	- 4.1	16.6	9.1	17.8	- 3.7	50.1	9.7	54.8	1.7	62.6	0.9	66.2	- 1.3	66.5	1.7	59.9	5.0	43.0	0.8	29.5	4.5	16.9	5.2	40.4	2.5
MOTT	6.4M	- 3.8	19.0	4.9	16.9	-10.7	46.8	4.5	54.5	- 0.1	64.0M	- 1.0	67.1	- 4.5	66.7	- 1.3	60.7M	2.9	44.2M	- 0.2	30.2	0.9	24.2	8.4	41.7	0.0
MUNICH 4 SW	1.8		15.2		17.7		47.2		53.6		62.3		65.4		64.1		57.8		39.0		28.0M		13.6		38.5	
NAPOLEON 1 SE	3.9M	- 2.9	17.4	8.6	17.1	- 6.2	46.1	4.7	55.5	2.3	67.2	4.3	69.6	0.7	69.0	1.9	63.4	5.9	44.1	0.0	30.3	3.5	19.6	6.2	42.0	2.4
NEW ENGLAND	7.7M	- 5.8	19.0	4.5	18.1	- 8.0	47.6	5.2	55.1	1.9	65.4	1.8	68.1	- 2.4	68.2	0.4	61.6M	4.2	44.0	- 0.1	29.8	0.4	23.9	6.5	42.4	0.7
NEW SALEM 1 S	3.4M	- 6.3	19.1	6.1	16.6	- 9.6	48.2	3.9	55.1	1.7	65.7	2.1	68.5	- 2.3	69.5	1.6	63.2	4.9	44.6M	- 0.5	30.6	1.0	23.2M	7.0	42.3	1.0
NEWTOWN																	61.0M	3.5	44.5M	0.3	30.2M	2.2	20.8M	7.3	-	
OAKES	1.8	- 7.1	16.9	4.0	19.0	- 8.7	46.0	3.2	55.8	0.2	66.7	1.4	69.9	- 1.8	68.4	- 0.7	61.8	2.8	41.4	- 4.6	30.6	2.0	16.6	0.4	41.2	0.8
PARK RIVER	3.1	0.2	19.6	11.9	21.9	- 0.9	50.6	10.1	56.2	2.6	66.8	3.7	69.6	1.1	68.7	2.1	62.9M	6.0	43.8	0.1	31.6	4.6	18.9	7.8	42.8	4.1
PARSHALL	2.5	- 3.8	16.0	7.3	15.6	- 9.7	48.5	9.5	54.6	0.6	63.1	1.1	66.2	- 3.4	67.5	1.5	60.0	4.7	42.9M	- 1.5	28.9	3.4	20.2M	5.7	40.5	1.3
PEMBINA 2 N	0.9	- 1.5	18.0M	15.2	21.7	3.3	49.9	11.4	56.0	2.8	65.6	2.8	69.4	1.6	67.9	3.2	62.0M	7.5	42.4	0.8	29.4M	6.0	18.2	11.2	41.8	5.8
PETERSBURG	1.6		16.9		19.8		48.1		55.7M		64.4M		68.4		66.6		60.5		41.5		30.0M		16.8		40.9	
PETTIBONE	2.5	- 1.4	15.9	6.9	16.9	- 7.5	47.4	6.6	55.5	2.3	65.9M	3.5	68.5	- 1.0	68.1	- 0.4	62.0	5.4	43.1	0.5	30.4	4.3	20.1	8.4	41.4	2.3
PORTAL	1.5M	- 4.5	14.1	7.9	15.4	- 3.0	49.0	0.4	53.5	1.4	60.6M	0.0	65.3M	- 2.7	66.5M	1.7	57.6	2.4	42.0M	0.5	28.8	3.8	14.9	2.3	38.9	1.6
POWERS LAKE 1 N	1.4	- 6.7	14.7M	2.9	14.2	-11.3	47.1	7.1	53.4	- 0.1	60.7	- 0.8	64.5	- 6.6	65.8	0.0	58.2	1.9	41.3	- 3.2	28.5	3.1	17.3	1.5	38.9	1.0
RICHAROTON ABBEY	8.3	- 2.8	20.9	6.2	18.1	- 9.1	49.8	8.4	56.7	2.8	67.1	4.0	69.8	- 1.3	69.7	1.2	63.5	5.3	46.5	1.9	32.1	3.4	26.1	9.9	44.0	2.4
RIVERDALE	4.1		18.7		15.6		48.5		57.7M		65.0		67.6		68.0M		60.2		43.3		30.2		20.1		41.6	
ROLLA	0.3	- 2.3	15.7	8.9	17.4	- 3.8	48.8	9.0	53.7	1.7	61.1	0.8	65.4	- 1.3	64.5	- 1.1	57.7	2.6	40.8	- 1.7	28.9M	5.7	16.1	5.9	39.2	2.0
RUGBY	1.9		17.3		18.5		50.8		56.7		64.9		68.4M		68.1		61.0		43.3		30.8		17.4		41.6	
SAN HAVEN	2.0	- 0.8	17.2	10.5	19.0	- 1.5	49.8	10.3	55.2	2.4	62.3	0.9	65.5	- 1.5	65.5	0.9	59.0	4.0	41.5M	- 0.1	29.5	5.4	17.4	7.1	40.3	3.1
SANISH	0.6M	- 4.5	13.9	5.3	13.5	-11.3	47.8	6.1	53.7M	- 1.5	62.2	- 1.1	65.1	- 5.6	65.5	- 2.1	57.4M	- 0.1	-						-	
SHARON	1.7	- 1.8	17.4	7.9	21.0	- 3.2	47.9	8.3	55.2	1.1	65.2	2.2	67.3	- 3.5	67.2	- 0.7	60.6	3.2	41.7	- 1.9	30.1	5.4	16.2	4.0	40.9	1.7
STANLEY	2.4		14.1M		14.3		47.8		53.4		61.3M		65.0		65.3M		58.5M		41.3		27.6		18.4		39.1	
STEELE	3.4	- 3.8	17.6	8.0	18.0	- 6.5	47.3	4.6	56.3M	2.3	67.1	4.1	68.7	- 1.5	68.4	1.1	62.4M	4.7	44.0M	- 0.1	30.8	4.3	20.5	7.3	42.0	2.0
TOWNER	0.5M	- 3.6	15.8	7.9	17.7	- 4.9	52.0M	10.2	54.8	0.5	63.4M	0.0	66.4	- 2.7	65.6	- 0.6	60.0M	3.1	-		30.5M	5.1	17.7	6.5	-	
TURTLE LAKE	4.9M	- 1.9	16.7M	7.1	-		48.3	7.0	55.3M	1.4	-		67.1M	- 2.4	67.1M	- 0.2	60.3M	2.8	-		-		20.7M	7.4	-	
UNOERWOOD	-		-		-		-		54.8M	- 1.5	64.7	0.4	67.6M	- 4.3	67.3M	- 1.0	59.1	0.9	42.4	- 2.6

Table 1—Continued

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
VAN HOOK	3.4		17.4M		16.2M		50.1		55.8		64.8M		67.7		68.2M											
VELVA	3.2	- 3.5	18.8	7.4	18.4	- 6.9	51.4	10.0	55.3	0.7	64.3	- 0.3	66.8	- 3.2	66.9	0.1	59.8	2.6	43.9M	- 0.4	31.1	3.7	18.9	3.9	41.6	1.2
WAHPETON STATE SCHOOL	4.8	- 3.9	18.1	5.7	20.6	- 7.0	47.8	3.6	57.9	1.6	69.2	3.4	71.9	1.0	70.6	1.9	64.4	4.4	45.5	- 1.5	34.5	5.5	20.6	4.8	43.8	1.6
WASHBURN	4.4	- 3.8	19.3	8.6	17.2M	- 8.3	49.5M	6.2	56.7	1.4	67.1M	2.2	68.9M	- 2.3	68.6	0.5	62.1	2.8	45.0M	0.0	31.5M	2.1	20.8M	5.3	42.6	1.2
WATFORD CITY	5.2	- 4.6	19.1	5.4	18.5	- 7.7	50.3	8.9	56.3	1.8	64.7	1.6	67.7	- 3.4	68.4	0.1	60.8	3.1	44.0	- 0.2	30.6	2.1	22.7	7.4	42.3	1.1
WESTHOPE	- 0.3	- 2.4	15.4	7.7	18.4	- 4.1	49.7	9.8	54.5	1.4	62.1	- 0.6	66.3	- 1.6	-		57.8M	2.2	41.7	- 0.9	28.1	3.0	15.9	5.7	-	
WILLISTON WB CITY	5.6	- 0.8	18.1	9.9	18.0	- 4.9	51.1	9.1	55.8	1.8	64.5	1.8	67.4	- 1.5	68.1	2.0	61.0	4.4	45.0	1.6	31.4	4.2	21.9	8.1	42.3	3.0
WILLOW CITY	- 1.8	- 2.9	15.5	10.4	17.8	- 2.3	48.4M	8.8	53.6	1.4	61.9	0.6	66.2	- 0.4	65.3	1.1	58.8M	4.1	40.5M	- 1.0	28.2	5.5	14.8M	5.6	39.1	2.6
WILTON RR STATION	1.7	- 6.3	17.2	6.9	14.6	-10.4	45.7	3.5	54.5M	0.6	64.2M	1.4	66.6	- 3.8	66.6M	- 1.1	59.9	2.6	42.3	- 2.6	29.7	2.4	20.1	5.3	40.3	- 0.1
WISHEK	1.6M	- 5.7	16.0M	5.8	15.1M	-11.0	44.4M	2.9	53.1M	- 0.1	67.6M	4.0	-		65.9M	- 1.1	-		42.8M	- 1.2	31.6M	3.2	19.6	4.7	-	
SECTION AVERAGE	3.0	- 3.9	17.4	6.9	18.1	- 6.6	48.5	7.2	55.3	1.4	64.9	1.8	67.8	- 1.8	67.3	0.3	60.7	3.6	43.2	- 0.8	30.3	2.9	19.3	5.3	41.3	1.3

See reference notes following Station Index.

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Table 2

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ADAMS 7 S	0.74		0.02		0.62		0.02		0.67		1.51		2.94		E 1.25		0.36		0.03		0.32		0.22		E 8.70	
ALEXANDER	0.36		0.72		0.43		0.11		0.28		3.67		2.88		1.71		0.39		0.15		0.19		0.08		10.97	
ALMONT 7 SW	0.31		0.49		0.58		0.28		0.72		4.24		2.26		3.89		0.24		0.02		0.17		0.03		13.33	
AMAROSE	E 0.64		0.78		0.26		E 0.50		0.47		3.25		3.93		2.43		1.08		0.03		T		0.16		E13.03	
AMENIA	0.38-	0.15	0.21-	0.38	0.17-	0.59	1.10-	0.65	0.96-	1.84	1.65-	1.94	5.58	2.89	1.57-	0.97	0.12-	1.78	T	- 1.35	1.68	1.00	0.15-	0.37	13.57-	6.13
AMIDON R	0.27-	0.16	0.82	0.35	1.21	0.46	0	- 1.32	1.20-	1.14	2.79-	0.69	1.62-	0.52	0.88-	0.67	0.51-	0.96	T	- 0.97	0.20-	0.21	0.10-	0.29	9.60-	6.12
ANTLER	0.84		0.03		0.15		0.03		0.90		4.31		2.32		2.19		0.99		0.19		0.25		0.13		12.33	
ARVILLA STATE PARK	0.51		E 0.21		0.38		0.25		0.79		3.14		5.65		2.23		0.61		0.06		1.44		0.26		E15.53	
ASHLEY	0.84	0.40	0.78	0.33	0.31-	0.52	0.76-	0.85	0.80-	1.60	2.62-	0.80	1.13-	1.53	2.32-	0.12	0.66-	0.81	0.06-	1.00	0.42-	0.13	0.25-	0.25	10.95-	6.88
BALDHILL DAM	1.60		0.39		0.72		0.40		0.52		2.58		5.03		1.48		0.30		0.09						-	
BALTA	E 0.68		E 0.19		0.23		T		0.22		5.20		3.16		4.75		0.41		T		0.45		0.10		E15.39	
BANTRY	1.05		T		0.05		0		E 0.57		3.17		1.74		E 3.04		0.93		0.19		0.37		0.16		E11.27	
BEACH R	0.41-	0.05	1.08	0.68	0.41-	0.34	0.01-	1.17	1.07-	1.19	1.62-	1.97	1.72-	0.08	1.28-	0.32	0.62-	0.65	0.12-	0.78	0.47	0.01	0.08-	0.39	8.89-	6.25
BELCOURT INDIAN RES R	0.42		0.03		0.76		T		0.61		5.61		2.77		2.41		0.42		0.13		0.33		0.05		13.04	
BELFIELD	0.46-	0.00	0.92	0.47	0.91	0.10	T	- 1.29	0.86-	1.49	2.20-	1.22	3.46	1.24	2.45	0.64	0.91-	0.43	0.08-	0.89	0.56	0.08	0.09-	0.39	12.90-	3.18
BERTHOLD	0.52		0.18		0.15		0.01		0.66		3.04		2.82		3.02		0.99		0.11		0.20		0.27		11.97	
BEULAH R	0.34	0.04	0.67	0.33	0.48-	0.11	0.09-	0.92	0.76-	1.58	3.37-	0.43	1.96-	0.32	1.94	0.11	0.83-	0.72	0.15-	0.67	0.27-	0.09	T	- 0.41	10.86-	4.77
BISBEE	0.47	0.02	T	- 0.36	0.23-	0.48	0.10-	1.09	0.40-	1.75	2.59-	0.77	2.36-	0.34	3.85	1.50	0.34-	1.35	T	- 0.99	0.24-	0.23	0.04-	0.39	10.62-	6.23
BISMARCK WB CITY	1.48	1.10	0.90	0.51	0.42-	0.45	T	- 1.19	0.36-	1.87	3.70	0.47	1.78-	0.50	1.20-	0.43	0.43-	1.01	0.07-	0.84	0.10-	0.38	0.11-	0.37	10.55-	4.96
BISMARCK WB AIRPORT R	1.24	0.79	1.03	0.57	0.49-	0.40	T	- 1.52	0.31-	2.01	3.24-	0.11	1.64-	0.60	0.61-	1.21	0.40-	0.83	0.07-	0.87	0.13-	0.44	0.14-	0.43	9.30-	7.06
BOTTINEAU	0.40-	0.01	0.04-	0.32	0.13-	0.54	T	- 0.84	0.43-	1.62	3.24	0.05	2.04-	0.35	2.15-	0.30	0.54-	1.05	0.16-	0.81	0.22-	0.25	0.06-	0.41	9.41-	6.45
BOWBELLS	1.02	0.52E	0.27-	0.15E	0.26-	0.31	0.10-	0.96	0.35-	1.93	3.46	0.22	1.24-	0.99	2.63	0.65	1.11-	0.30	0.20-	0.65	0.15-	0.31	0.32-	0.06	E11.11-	4.27
BOWBELLS 5 E	0.66		0.36		0.31		0.05		0.28		3.72		1.16		2.50		1.16								-	
BOWMAN COURT HOUSE	0.13-	0.31	0.88	0.44	1.13	0.45	0	- 1.23	1.45-	0.87	2.60-	0.51	0.97-	1.11	1.04-	0.70	0.15-	1.12	0	- 0.88	0.06-	0.32	T	- 0.35	8.41-	6.51
BOWMAN 11 SE	0.49		E 0.78		1.13		0		2.29		1.92		1.99		0.75		0.04		0		0.03		0.03		E 9.45	
BOWMAN 30 NNW	E 0.29		E 0.88		E 0.74		0		0.49		1.76		2.10		1.08		0.53		0		0.30		T		E 8.17	
BRELEN R	0.64		0.68		0.47		0		0.46		3.17		2.22		-		0.37		0		0.07		0		-	
BUCHANAN R	0.49		0.41		0.39		0.29		0.64		2.30		3.63		1.13		0.91		0.13		0.48		0.35		11.15	
BURT 16 N	0.25		3.88		0.82		0		0.47		3.39		1.94		2.35		0.15		0.15		0.13		T		10.53	
BUTTE	0.63	0.27	0.15-	0.38	0.44-	0.38	0.12-	1.18	0.57-	1.91	4.74	1.34	2.57-	0.16	4.11	2.17	0.90-	0.58	T	- 0.97	0.19-	0.41	0.17-	0.32	14.59-	2.51
CANOO R	0.43		0.11		0.43		0		0.37		2.65		2.50		2.14		0.41		0.08		0.14		0.03		9.29	
CARRINGTON	2.34	1.92	0.93	0.45E	0.48-	0.21	T	- 1.33	0.71-	1.78	4.84	1.39	3.68	1.07	2.10	0.03	0.87-	0.55	0.06-	0.97	0.27-	0.28	0.17-	0.24	E16.45-	.50
CARSON R	0.22		0.57		0.38		0		1.06		5.49		2.25		2.79		0.18		0.05		0.04		0		13.03	
CARSON NO 2	0.40	0.04	0.64	0.16	0.61-	0.25	0	- 1.35	2.32-	0.08	3.89	0.41	1.80-	0.19	2.47	0.81	0.26-	1.18	0.06-	0.87	0.06-	0.51	0.03-	0.45	12.5-	3.46
CAVALIER	E 0.84	0.17E	0.04-	0.47	0.30-	0.46E	0.10-	1.29	0.65-	1.61	1.67-	1.41	1.97-	0.67	1.86-	0.65	0.39-	1.93	0.18-	1.11	0.26-	0.48	0.08-	0.61	E 8.34-	10.52
CENTER	0.32-	0.05	0.96	0.54	0.50-	0.23	0	- 1.23	0.62-	1.65	3.41-	0.15	1.98-	0.44	1.56-	0.15	0.60-	0.76	0.05-	0.86	0.23-	0.28	0.18-	0.26	10.41-	5.52
COLGATE	0.37-	0.11	0.34-	0.15	0.32-	0.48	0.50-	1.16	0.41-	2.29	1.65-	1.83	6.81	4.28E	2.34-	0.14	0.37-	1.46	T	- 1.11	1.57	0.90	0.13-	0.40	E14.81-	3.95
COLUMBUS	E 0.78		0.13		0.20		0.27		0.31		1.99		1.63		2.30		1.12		0.14		0.05		0.25		E 9.17	
COOPERSTOWN	0.45-	0.06	0.32-	0.20	0.50-	0.21	0.27-	1.12	0.79-	1.74	3.49	0.22	6.26	3.67	2.61-	0.00	0.73-	1.03	T	- 1.08	1.60	0.96	0.30-	0.28	17.32-	.87
COURTENAY	1.04	0.43E	0.54-	0.04	0.44-	0.40	0.37-	1.06	1.11-	1.32	2.18-	1.02	7.08	4.46E	3.03	0.63	0.76-	1.08	0.10-	1.05	0.71	0.14	0.27-	0.40	E17.63-	.71
CROSBY R	0.51	0.11	0.15-	0.21	0.16-	0.52	0.23-	0.70	0.72-	1.25	2.94-	0.22	3.17	1.09	2.14	0.32	1.04-	0.20	0.14-	0.69	0.07-	0.49	0.09-	0.41	11.36-	3.17
DEVILS LAKE W R CITY R	0.76	0.29	0.16-	0.35	0.70-	0.08	0.04-	1.48	0.74-	1.29	2.92-	0.64	3.13	0.56	1.66-	0.82	0.39-	1.24	0.07-	1.18	0.20-	0.52	0.06-	0.48	10.83-	7.23
DICKINSON CAA	0.43	0.01	0.86	0.43	1.18	0.48	T	- 1.20	0.28-	2.05	3.34-	0.18	1.41-	0.80	2.50	0.66	0.49-	0.81	0.03-	0.88	0.19-	0.29	0.01-	0.45	10.72-	5.08
DICKINSON EXP STA	0.48	0.06	0.67	0.24	0.73	0.03	T	- 1.20	0.42-	1.91	3.80	0.28	1.85-	0.36	3.09	1.25	0.63-	0.67	0.04-	0.87	0.26-	0.22	T	- 0.46	11.97-	3.83
DONNYBROOK	0.97		E 0.15		0.20		T		0.65		2.83		1.77		E 2.69		0.92		0.19		T		0.35		E10.72	
DRAKE	0.76	0.37	0.19-	0.28	0.34-	0.36	0	- 1.17	0.57-	1.51	5.88	2.72	3.39	1.09	4.60	2.58	1.02-	0.41	0	- 1.04	0.41-	0.13	0.14-	0.27	17.30	1.59
DUNN CENTER	0.37	0.01	0.77	0.31	0.63-	0.12	T	- 1.26	0.71-	1.63	2.97-	0.73	2.33-	0.00	1.87	0.21	0.82-	0.58	0.12-	0.71	0.34-	0.10	T	- 0.41	10.93-	5.01
ECKMAN	0.68	0.32	0.06-	0.31	0.10-	0.46	0.07-	0.84	0.57-	1.41	3.01	0.03	2.03-	0.33	3.41	1.53	0.95-	0.55	0.10-	0.74	0.33-	0.16	0.20-	0.27	11.51-	3.19
EDGELEY EXP FARM	0.96	0.47E	1.68	1.20	0.68-	0.15	0.10-	1.65	0.95-	1.61	1.56-	2.11	1.91-	0.66	1.08-	1.27	0.71-	0.95	T	- 1.02	0.79	0.27	0.17-	0.32	E10.59-	7.80
EDMORE 1 W	0.68	0.19	0.04-	0.37	0.14-	0.55	0.01-	1.25E	0.67-	1.19	2.10-	1.01	3.10	0.26	1.84-	0.49	0.33-	1.52	0.03-	0.95	0.17-	0.45	0.03-	0.51	E 9.14-	7.84
ELBOWOODS	0.33-	0.00	0.23-	0.16	0.23-	0.30	0	- 1.01	0.69-	1.50	1.72-	1.96	0.91-	1.50	1.30-	0.54	0.82-	0.67	0.02-	0.78	0.04-	0.36	T	- 0.40	6.29-	9.18
ELGIN 5 S	0.53		0.97		0.51		T		1.15		6.27		1.39		2.56		0.33		T		T		T		13.71	
ELLENDALE	1.04	0.58	1.77	1.28	0.52-	0.43	0.69-	1.17	0.70-	1.91	2.30-	1.11	0.86-	1.79	1.43-	1.34	0.32-	1.36	0.12-	0.94	1.75	1.19	0.28-	0.18	11.78-	7.18
ENDERLIN							0.75		0.68		1.78		1.74		0.68		0.44		0.21		1.74		0.60		-	
EPPING	0.36-	0.06	0.74	0.34	0.63	0.06	T	- 0.99	0.36-	1.78	2.22-	1.09	1.70-	0.35	1.84	0.20	1.01-	0.28	0.15-	0.62	0.04-	0.39	T	- 0.45	9.05-	5.41
ESMOND R	—		0.26		0.59		0		0.41		4.19		3.36		2.07		0.34		0.17		0.15		0.17		-	
FAIRFIELD	0.24-	0.20	0.40-	0.02	0.28-	0.44	0	- 1.22	0.68-	1.68	1.79-	1.94	2.24-	0.04	3.08	1.50	0.86-	0.52	0.07-	0.77	0.26-	0.19	T	- 0.46	9.90-	5.98
FARGO WB AIRPORT R //	1.07	0.40	0.30-	0.41	0.68-	0.33	0.24-	1.94	0.47-	2.42	2.03-	2.02	8.42	4.99	2.69-	0.20	0.15-	2.07	0.08-	1.61	1.67	0.77	0.47-	0.25	18.27-	5.09
FESSENDEN	1.19	0.70	0.57	0.05	0.91	0.16	0.02-	1.30	1.10-	1.18	4.08	0.60	1.73-	0.84	2.58	0.40	0.92-	0.59	0.13-	0.93	0.16-	0.44	0.17-	0.39	13.56-	3.76
FLASHER	0.60		0.50		0.33		0		0.60		4.46		1.81		2.18		0.23		0.04		0.03		T		10.78	
FLAXTON	0.93		0.20		0.15		0.06		0.25		2.97		1.86		2.81		1.00		0.12		0.06		0.33		10.74	
FORBES 13 NW	E 1.06		1.74		0.98		0.55		0.44		2.64		1.37		1.38		0.78		0.10		1.01		0.37		E12.42	
FORMAN	1.35	0.90	1.17	0.67E	0.62-	0.18	0.60-	1.41	1.14-	1.81	3.54-	0.06	2.08-	0.80	1.47-	1.28	0.13-	1.94	0.08-	1.27	1.77	1.20	0.31-	0.25	E14.26-	6.23
FORT YATES R	0.31-	0.08	1.28	0.82	0.26-	0.55	T	- 1.35	0.74-	1.42	3.66	0.19	2.66	0.58	1.34-	0.55	0.43-	1.02	0.22-	0.77	T	- 0.45	0.18-	0.20	11.08-	4.80
FOXHOLM 7 N	1.10	0.66	0.12-	0.35	0.11-	0.61	0	- 1.25	0.83-	1.20	3.12	0.14	1.95	0.02	2.42	0.44	1.13-	0.42	0.06-	0.82	0.23-	0.45	0.14-	0.37	11.21-	4.21
FRYBURG R	0.24		0.27		0.38		0		0.46		2.36		2.72		2.24		0.86		0.08		0.21		0.03		9.85	
FULLERTON	1.48	0.78	1.84	1.13	0.62-	0.44	0.64-	1.50	0.43-	2.56	2.75-	1.16	2.05-	0.83	1.17-	1.37	0.15-	1.81	0.06-	1.27	1.88	1.17	0.40-	0.37	13.47-	8.23
GACKLE	0.60	0.16	1.93	1.48	0.47-	0.38	0.08-	1.46	0.38-	2.20	2.15-	1.32	2.92	0.24	2.42	0.07	0.83-	0.75	0.10-	0.86	0.32-	0.22	0.25-	0.20	12.45-	5.44
GARRISON	0.56	0.19	0.64	0.13	0.42-	0.37	T	- 1.16	0.56-	1.77	3.18-	0.24	2.14-	0.35	2.61	0.67	0.70-	0.76	0.03-	0.83	0.04-	0.45	0.12-	0.36	11.00-	5.30
GLEN ULLIN 13 N	E 0.33		E 0.78		E 0.58		0.04		0.68		2.67		2.12		1.84		0.48		T		0.03		T		E 9.55	
GOLDEN VALLEY 10S	E 0.35		E 0.80		E 0.62		0.19		0.58		2.35		1.92		0.99		0.59		0.05		0.51		0.06		E 9.01	
GRACE CITY R	—		0.20		0.49		0.05		0.75		7.42		2.52		2.18		0.56		0.03		0.12		0.19		-	
GRAFTON STATE SCHOOL	1.27	0.77	T	- 0.57	0.46-	0.24	0.21-	1.13	0.40-	1.62	2.10-	1.15	2.73-	0.03	2.60	0.08	0.35-	1.81	0.08-	1.06	0.80	0.11	0.23-	0.30	11.23-	6.95
GRAND FORKS CAA	0.96	0.43	0.58	0.02	0.31-	0.47	0.20-	1.66	0.29-	2.21	3.91	0.63	7.06	4.28	1.79-	0.83	0.36-	1.56	0.02-	1.34	1.23	0.44	0.22-	0.60	16.93-	2.47
GRAND FORKS UNIV	0.79	0.26	0.54-	0.02	0.28-	0.50	0.16-	1.50	0.34-	2.16	3.43	0.15	7.89	5.11	1.92-	0.70	0.48-	1.44	0.09-	1.27	1.55	0.76	0.30-	0.32	17.77-	1.63
GRAND RAPIDS 1 N	1.11		1.13		1.00		0.51		0.56		1.43		1.55		2.30		0.78		0.13		1.82		0.27		12.59	
GRANVILLE	0.62	0.24	0.06-	0.37	0.34-	0.20	T	- 0.94	0.53-	1.50	4.47	1.28	1.20-	1.07	4.88	3.01	0.50-	1.06	0.12-	0.72	0.34-	0.20	0.17-	0.29	13.23-	1.82
GRASSY BUTTE R	0.32		0.61		0.66		0		0.97		2.99		-		2.67		0.91		0.17		0.34		0.15		-	
GRASSY BUTTE 10N	0.32		0.71		0.34		T		0.52		2.70		3.70		1.07		0.25		0.44		0.21		0.05		10.31	
GRENORA	0.31-	0.13	1.21	0.76E	0.50-	0.18	0	- 1.03	0.63-	1.59	2.84-	0.12	2.37	0.53	2.32	0.82	0.50-	0.73	0.30-	0.49	0.10-	0.45	0.07-	0.45	E11.15-	3.06
HALEY R	-		-		-		0		—		1.11		0.57		1.24		0.11		0		0.05		0.05		-	
HALLIDAY R	0.37		1.01		0.63		0		0.55		1.64		1.66		2.13		1.09		0.14		T		0.08		9.30	
HANKINSON R R STA	1.99	1.52	1.69	1.15E	1.08	0.26	0.62-	1.39	1.38-	1.48	2.66-	0.92	3.91	1.04	4.62	1.67	1.07-	1.03	0.15-	1.22	1.56	0.91	0.52-	0.00	E21.05	0.51
HANNAH	0.34-	0.36	0.09-	0.50E	0.24-	0.48	T	- 1.12	0.67-	1.44	3.22-	0.19	1.89-	0.54	2.35-	0.02	0.43-	1.68	0.09-	0.98	0.15-	0.54	0.15-	0.44	E 9.62-	8.29
HANSBORO	0.39-	0.22	0.03-	0.47	0.21-	0.67	T	- 1.25	0.55-	1.55	7.79	4.47	3.12	0.58	3.07	0.75	0.40-	1.46	0.08-	0.96	0.15-	0.39	0.05-	0.49	15.84-	1.66
HARVEY 3 NE	0.31-	0.17	0.23-	0.22	0.48-	0.29	T	- 1.28	0.90-	1.28	3.72	0.35	3.01	0.61E	1.82-	0.37	0.97-	0.46	0.03-	1.04	0.09-	0.49	0.12-	0.41	E11.68-	5.05
HAYNES 5 NE R	0.45		0.56		0.34		0		1.27		1.02		-		-		-		0		0		0		-	
HETTINGER	0.17-	0.19	0.86	0.43	0.82	0.16	0.17-	0.89	1.71-	0.57	2.26-	0.90	2.22-	0.06	3.01	1.47	0.04-	1.26	0.03-	0.68	T	- 0.40	0	- 0.37	11.29-	3.26
HETTINGER 17 N R	-		0.85		-		-		1.25		2.85		1.74		0.95		0.17		0.03		0.05		0.05		-	
HILLSBORO	1.01	0.50	0.21-	0.34	0.30-	0.46	0.73-	1.15	0.89-	2.06	2.32-	1.10	12.29	9.61	2.75-	0.00	0.21-	1.86	0.07-	1.27	2.18	1.42	0.34-	0.30	23.30	3.03
JAMESTOWN CAA	1.66	1.11	1.16	0.57	1.18	0.28	0.20-	1.50	0.40-	2.37	2.18-	1.32	2.91	0.21	0.81-	1.74	1.11-	0.56	0.19-	1.10	0.87	0.20	0.49-	0.16	13.16-	6.38
JAMESTOWN STATE HOSP	0.58	0.03	0.77	0.11	0.72-	0.18	0.10-	1.60	0.46-	2.31	1.99-	1.51	3.13	0.43	0.66-	1.89	0.99-	0.68	0.11-	1.18	0.95	0.18	0.44-	0.21	10.80-	8.74
KEENE 2 S	E 0.57		E 0.75		F 0.42		F 0.05		E 0.49		1.91		2.31		2.75		0.43		0.19		0.39		0.07		E10.33	
KENMARE R	0.67	0.32	0.24-	0.15	0.77-	0.38	0.01-	0.91	0.64-	1.34	3.17	0.28	1.43-	0.87	2.48	0.57	1.25-	0.32	0.17-	0.79	0.15-	0.39	0.23-	0.20	10.71-	4.18
KENSAL WILDLIFE REF	0.44		0.41		0.33		0.03		0.72		4.23		5.57		4.82		0.88		0.17		0.18		0.26		18.04	
KILLDEER 8 NW	0.50		1.13		0.75		0		1.00		2.30		2.20		1.61		0.78		T		0.17		T		10.44	
KULM	1.34		1.26		0.48		0.05		0.86		2.12		1.82		0.75		0.60		0.05		1.07		0.37		10.77	
LANGDON EXP FARM	0.83	0.22	0.12-	0.51	0.34-	0.44	0.10-	1.13	0.66-	1.33	3.20-	0.04	3.31	0.81	2.49	0.02	0.39-	1.84	0.12-	0.91	0.15-	0.58	0.09-	0.54	11.80-	6.27
LANSFORD	1.18		0.10		0.25		T		0.40		4.49		1.87		2.05		0.90		0.17		0.24		0.25		11.90	
LARIMORE	0.40-	0.20E	0.39-	0.16	0.50-	0.31	0.36-	1.24	0.51-	2.22	3.70-	0.86	4.28	1.34	2.99	0.28	0.66-	1.39	0.02-	1.42	1.66	0.84	0.06-	0.50	E14.53-	5.84
LEEDS	0.92		0.12		0.87		T		0.22		3.42		2.08		2.00		0.53		0.17		0.10		0.13		10.56	
LEFOR 10 E	0.14		0.28		1.07		T		0.44		2.81		1.76		1.61		0.12		0.06		0.15		T		8.44	
LINTON	0.83	0.49	1.42	1.00	0.21-	0.57	0.12-	1.16	0.52-	1.77	3.64	0.37	1.90-	0.23	0.37-	1.71	0.33-	1.24	0.06-	0.98	T	- 0.45	0.30-	0.09	9.70-	6.34
LISBON	0.96	0.37E	0.68	0.09	0.44-	0.29	0.40-	1.53	1.09-	1.68E	1.49-	2.41	1.98-	0.92	3.39	0.49	0.03-	1.97	0.10-	1.14	1.25	0.62	0.41-	0.10	E12.22-	8.47
LITCHVILLE	1.04		1.13		0.43		0.63		1.17		1.79		2.76		0.37		0.80		0.17		2.12		0.29		12.20	

See reference notes following Station Index.

Table 2—Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
LOSTWOOD 12 N	E 0.68		E 0.28		E 0.27		E 0		0.69		2.52		1.37		3.36		0.88		0.20		0.09		0.20		E10.54	
MADDOCK AGR SCHOOL	0.74	0.32	0.31	- 0.09	0.69	0.05	T	- 1.12	0.77	- 1.28	3.89	0.50	4.53	1.84	2.52	0.21	0.58	- 1.08	0.18	- 0.80	0.11	- 0.40	0.21	- 0.22	14.53	- 2.07
MANDAN EXP STATION	0.95	0.58	1.10	0.71	0.40	- 0.44	T	- 1.28	0.40	- 1.86	4.38	1.10	1.84	- 0.47	0.60	- 0.98	0.24	- 1.22	0.08	- 0.82	0.17	- 0.35	0.13	- 0.32	10.29	- 5.35
MANDAN FT LINCOLN PARK	0.43		0.85		0.26		0		0.42		4.34		1.71		1.00		0.35		0.07		E 0.15		0.10		E 9.68	
MANNING R	-		0.83		0.48		0		0.75		3.03		2.05		1.96		1.08		0.07		0.14		-		-	
MARMARTH	0.33	- 0.09	1.00	0.59	0.71	- 0.02	0	- 1.07	0.87	- 1.42	2.21	- 0.92	1.08	- 0.83	2.42	0.80	0.11	- 1.15	T	- 0.79	0.04	- 0.33	0.05	- 0.35	8.82	- 5.58
MARMARTH M D U CO R	0.27		0.97		0.77		0		0.92		2.17		1.09		2.44		0.12		0		0.07		0.03		8.85	
MARTIN	0.60		0.29		0.71		T		0.91		3.87		4.19		2.06		1.16		0.05		0.14		0.09		14.07	
MAX	E 0.61	0.26	0.12	- 0.33	0.16	- 0.58	0.18	- 1.07	0.67	- 1.53	5.81	2.42	4.17	1.63	5.07	3.19	0.28	- 1.11	0.03	- 0.77	0.29	- 0.21	0.13	- 0.27	E17.52	1.63
MAYVILLE	1.06	0.67	0.46	0.02	0.21	- 0.48	0.49	- 1.06	0.24	- 2.48	1.98	- 1.39	5.00	2.29	2.76	0.21	0.49	- 1.57	0.01	- 1.25	1.59	0.88	0.31	- 0.21	14.60	- 4.37
MC CLUSKY	0.71	0.27	0.51	- 0.01	0.69	- 0.09	0.09	- 1.15	0.71	- 1.75	6.24	2.78	1.83	- 0.66	1.28	- 0.65	0.78	- 0.59	0.24	- 0.75	0.18	- 0.37	0.22	- 0.30	13.48	- 3.27
MC HENRY 5 N	0.57	0.15	0.28	- 0.17	0.32	- 0.37	0.05	- 1.32	0.70	- 1.61	4.28	0.81	3.67	0.87	1.76	- 0.56	0.67	- 0.76	0.04	- 1.01	0.11	- 0.43	0.22	- 0.27	12.67	- 4.67
MC LEOD 3 E	0.66	0.10	0.77	0.21	0.87	0.09	0.75	- 1.24	0.74	- 2.27	1.71	- 2.12	1.94	- 0.91	1.57	- 1.13	0.52	- 1.51	0.16	- 1.22	1.30	0.67	0.43	- 0.03	11.42	- 9.36
MC VILLE	0.73		0.22		0.33		T		0.57		3.68		3.33		2.60		0.73		0		0.60		0.20		12.99	
MEDINA 1 W	0.95		0.68		0.55		MEDINA 1 W		0.85		4.07		3.92		5.83		0.50		T		0.32		E 0.29		E18.07	
MEDORA R	-		0.59		-		0		0.86		-		-		1.55		0.51		-		0.31		0		-	
MEDORA 4 NNE	0.23		0.47		0.70		0		1.24		1.52		3.56		1.55		0.77		0.12		0.43		0.02		10.61	
MEDORA 23 NNW	0.40		0.55		0.93		T		0.40		1.74		2.13		0.69		0.37		0.37		T		0.05		7.63	
MELVILLE R	0.44		0.28		0.18		0		0.78		5.44		5.57		5.69		1.53		0.14		0.05		0.17		20.27	
MINOT CAA	1.41	1.04	0.20	- 0.23	0.24	- 0.37	T	- 1.22	0.60	- 1.56	3.59	0.48	2.28	0.23	3.64	1.72	0.78	- 0.82	0.09	- 0.82	0.27	- 0.39	0.24	- 0.22	13.34	- 2.16
MINOT EXP FARM	0.77		0.23		0.13		0.01		0.88		4.14		1.78		2.97		1.04		0.05		0.31		0.16		12.42	
MOFFIT 4 SE	1.13		0.45		0.15		0.04		0.40		3.04		2.76		1.49		0.41		0.08		0.07		0.02		10.04	
MOHALL	0.74	0.40	0.13	- 0.22	0.11	- 0.60	0.02	- 0.94	0.45	- 1.53	3.95	1.02	1.83	- 0.32	2.60	0.69	1.37	- 0.19	0.04	- 1.0	0.19	- 0.35	0.14	- 0.28	11.57	- 3.62
MONTPELIER	1.58		1.72		1.13		0.17		0.57		2.56		4.37		0.70		1.01		0.16		1.43		0.42		15.82	
MOTT	0.30	- 0.19	0.61	0.13	0.48	- 0.38	T	- 1.22	1.47	- 0.79	3.92	0.67	1.91	- 0.22	1.72	- 0.04	0.53	- 0.84	0.05	- 0.78	0.02	- 0.44	0.03	- 0.45	11.04	- 4.55
MUNICH 4 SW	0.70		0.08		0.23		0.05		0.50		2.59		2.93		3.00		0.42		T		0.07		0.06		10.63	
NAPOLEON 1 SE R	0.62	0.21	0.79	0.38	0.86	- 0.01	0.05	- 1.46	0.65	- 1.79	2.48	- 0.88	2.65	0.14	1.69	- 0.51	0.45	- 1.01	0.01	- 1.08	0.04	- 0.54	0.23	- 0.22	10.52	- 6.77
NEW ENGLAND	0.13	- 0.33	1.07	0.58	0.92	0.11	0	- 1.20	0.90	- 1.27	2.64	- 0.52	1.83	- 0.30	0.64	- 0.94	0.50	- 0.87	T	- 0.79	0.17	- 0.28	0.01	- 0.39	8.81	- 6.20
NEW ROCKFORD 7 WNW	0.58		0.30		0.45		0.04		0.83		3.26		1.85		3.54		0.48		0.09		T		0.13		11.53	
NEW SALEM 1 S	0.61	0.17	0.95	0.51	0.89	0.19	T	- 1.15	0.61	- 1.79	2.93	- 0.52	1.70	- 0.47	1.61	- 0.12	0.20	- 1.11	0.07	- 0.78	0.31	- 0.17	0.04	- 0.47	9.92	- 5.71
NEWTOWN																										
NOONAN	0.81		0.30		0.31		0.40		0.92		2.23		2.53		3.08		0.90		0.13		0.05		0.15		11.81	
NORTHGATE R	0.70		0.12		0.13		0.12		0.93		5.07		-		2.76		0.83		0.15		0.11		-		-	
NORTONVILLE	0.70		0.87		0.57		0.27		0.81		1.91		2.92		1.73		0.06		0.17		1.27		0.19		11.47	
OAKES	0.96	0.49	1.08	0.62	0.62	- 0.18	0.79	- 1.08	0.96	- 1.75	2.38	- 1.26	1.89	- 0.96	1.57	- 1.10	0.39	- 1.37	0.17	- 1.14	1.14	0.58	0.61	0.11	12.56	- 7.04
PARK RIVER	0.46	- 0.03	T	- 0.42	0.20	- 0.46	0.03	- 1.29	0.70	- 1.24	1.81	- 1.45	3.05	0.44	1.45	- 0.85	0.42	- 1.73	T	- 1.18	0.26	- 0.37	0.09	- 0.42	8.47	- 9.00
PARSHALL	0.55	0.21	0.37	- 0.02	0.14	- 0.44	T	- 1.07	0.90	- 1.27	2.84	- 0.65	2.20	- 0.02	3.16	1.32	0.85	- 0.64	0.18	- 0.57	0.23	- 0.16	0.10	- 0.31	11.52	- 3.62
PEMBINA 2 N	0.44	- 0.19	0.01	- 0.61	0.22	- 0.58	0.08	- 1.18	0.47	- 1.72	1.97	- 1.22	1.80	- 0.61	1.83	- 0.46	0.46	- 1.72	0.55	- 0.65	0.47	- 0.28	0.04	- 0.58	8.34	- 9.80
PETERSBURG	0.89	0.45	0.08	- 0.42	0.40	- 0.33	0.03	- 1.36	0.51	- 1.93	2.44	- 1.06	5.11	2.15	2.40	0.04	0.71	- 1.26	0.05	- 1.12	0.25	- 0.39	0.25	- 0.23	13.12	- 5.46
PETTIBONE R	0.77	0.39	0.45	0.06	0.52	- 0.11	0.01	- 1.15	0.84	- 1.42	3.10	- 0.01	6.08	3.34	2.42	0.27	0.89	- 0.45	0.22	- 0.77	0.07	- 0.46	0.21	- 0.23	15.58	- .54
PINGREE	0.74		1.15		0.96		0.08		0.74		2.77		5.84		2.97		0.78		0.10		0.10		0.46		16.67	
PORTAL	0.69	0.29	0.22	- 0.16	0.19	- 0.42	0.30	- 0.64	0.44	- 1.63	3.37	0.28	2.34	0.27	2.26	0.30	1.34	- 0.12	0.20	- 0.64	0.08	- 0.44	0.34	- 0.11	11.77	- 3.02
POWERS LAKE 1 N	0.52	- 0.00	0.26	- 0.19	0.19	- 0.51	0	- 1.14	0.76	- 1.39	1.86	- 1.43	1.59	- 0.68	2.95	1.27	E 0.58	- 0.71	0.16	- 0.89	0.16	- 0.33	0.09	- 0.45	E 9.12	- 6.45
PRETTY ROCK	0.37		0.34		0.91		T		1.30		3.70		2.26		4.51		0.25		0.07		0.05		T		13.76	
REEDER	0.14		1.05		E 0.99		0		6.16		2.68		1.10		2.06		0		0		E T		0		E13.58	
REEDER 14 N	0.25		1.35		1.03		0		1.46		2.29		1.26		0.81		0.05		T		T		0.01		8.51	
RICHARDTON ABBEY R	0.53	0.15	1.41	1.00	1.08	0.36	T	- 1.22	0.53	- 1.93	2.56	- 0.91	2.00	- 0.46	2.66	0.82	0.32	- 1.00	0.03	- 0.76	0.14	- 0.38	0.02	- 0.40	11.28	- 4.73
RIVEROAKE	0.68		0.50		0.42		T		0.69		3.22		1.77		3.96		0.96		0.12		0.16		0.08		12.56	
ROLLA	0.92	0.39	0.07	- 0.40	0.36	- 0.54	T	- 1.21	0.74	- 1.38	6.67	3.27	3.26	0.58	1.88	- 0.61	0.51	- 1.24	0.15	- 0.82	0.38	- 0.17	0.09	- 0.40	15.03	- 2.53
RUGBY	0.59	0.16	0.18	- 0.27	0.53	- 0.16	0.04	- 0.95	0.44	- 1.53	5.12	2.02	2.52	- 0.16	4.10	2.10	0.34	- 1.34	0.18	- 0.71	0.15	- 0.37	0.17	- 0.3	14.36	- 1.51
RYDER R	0.35	0.02	0.21	- 0.27	0.22	- 0.32	0	- 1.11	1.01	- 1.08	3.65	0.54	2.42	0.19	5.13	3.06	1.23	- 0.29	0.12	- 0.68	0.20	- 0.33	0.09	- 0.37	14.63	- .64
SAN HAVEN	0.83	0.40	0.04	- 0.38	0.31	- 0.31	0	- 0.84	0.64	- 1.23	2.93	- 0.08	1.87	- 0.87	2.04	0.32	0.46	- 1.21	0.13	- 0.73	0.28	- 0.22	0.04	- 0.3	9.57	- 6.11
SANISH	0.57	0.09	0.64	0.19	0.44	- 0.14	T	- 1.12	0.53	- 1.42	3.42	0.05	1.93	- 0.09	3.18	1.58	1.18	- 0.16							-	
SCRANTON	0.18		1.17		0.98		0		1.73		1.92		E 1.49		E 2.70		E 0.08		T		T		T		E10.25	
SELFRIDGE 11 W	0.54	0.11	1.49	1.02	1.61	0.75	T	- 1.44	0.82	- 1.30	2.87	- 0.83	1.17	- 0.77	3.10	1.27	0.57	- 0.91	0.14	- 0.81	0.08	- 0.38	0.17	- 0.23	12.56	- 3.52
SENTINEL BUTTE 20 S	0.26		0.81		0.30		0		1.03		1.60		1.32		1.06		0.36		0.04		0.56		0.12		7.46	
SHARON	1.03	0.56	0.38	- 0.10	0.26	- 0.36	0.11	- 1.37	0.40	- 2.34	3.15	- 0.46	6.57	3.88	2.17	- 0.20	0.54	- 1.51	0.08	- 1.21	1.43	0.71	0.20	- 0.28	16.32	- 2.68
SHERWOOD 3 N	0.62		0.06		0.16		0.02		0.59		4.56		1.12		2.08		1.89		0.11		0.20		0.20		11.61	
SHEYENNE R	-		-		0.42		0.02		0.83		4.32		2.77		2.30		0.66		0.09		0.09		0.15		-	
SHIELDS	0.26		0.81		0.57		0		0.50		3.29		2.40		1.58		0.26		0.04		0.04		T		9.75	
STANLEY R	0.54	0.15	0.43	0.02	0.43	- 0.21	0.04	- 1.13	0.60	- 1.59	2.59	- 0.81	3.35	1.22	1.95	0.05	1.11	- 0.26	0.12	- 0.72	0.08	- 0.46	0.09	- 0.36	11.33	- 4.10
STEELE	0.68	0.28	0.72	0.34	0.32	- 0.40	0.10	- 1.08	0.68	- 1.84	4.60	1.04	2.25	- 0.57	0.44	- 1.74	0.56	- 0.97	0.05	- 1.07	0.08	- 0.39	0.10	- 0.39	10.58	- 6.79
SYKESTON	E 1.33		E 0.34		0.17		T		0.55		3.52		3.34		1.68		1.30		T		0.10		0.13		E12.48	
TAGUS	0.36	- 0.00	E 0.20	0.22	0.15	- 0.47	0.02	- 1.13	0.71	- 1.28	2.53	- 0.52	2.17	0.12	3.54	1.76	0.62	- 0.7	0.12	- 0.66	0.08	- 0.45	E 0.10	- 0.32	E10.60	- 3.95
TIOGA	0.67	0.24	0.68	0.31	0.31	- 0.32	0	- 0.98	0.74	- 1.32	1.48	- 1.58	1.27	- 0.76	2.82	1.07	1.43	0.15	0.05	- 0.76	0.07	- 0.39	0.10	- 0.34	9.62	- 4.68
TOLLEY 5 NNE	0.69		E 0.18		0.24		0		0.50		3.12		2.41		3.16		1.36		0.10		0.13		0.22		E12.11	
TOWNER	0.87	0.42	0.11	- 0.37	0.43	- 0.35	T	- 1.00	0.59	- 1.62	5.15	2.04	2.39	- 0.02	4.50	2.52	0.47	- 1.25	0.10	- 0.79	0.28	- 0.25	0.14	- 0.35	15.03	- 1.02
TROTTERS 6 WNW	0.30	- 0.13	0.82	0.44	0.81	0.04	T	- 1.05	0.37	- 1.86	2.19	- 1.14	2.81	1.05	1.58	0.04	0.41	- 0.82	0.11	- 0.69	0.27	- 0.18	0.03	- 0.37	9.70	- 4.67
TURTLE LAKE	0.82	0.47	0.74	0.29	0.61	- 0.20	0.04	- 1.01	0.36	- 1.81	5.76	2.29	2.80	0.25	1.91	- 0.07	0.61	- 0.66	0.16	- 0.68	0.21	- 0.21	0.21	- 0.25	14.23	- 1.59
TUTTLE	1.08	0.65	0.55	0.14	0.36	- 0.37	0.08	- 1.00	1.06	- 1.28	5.52	2.25	3.14	0.51	0.70	- 1.13	0.80	- 0.62	0.21	- 0.77	0.10	- 0.40	0.22	- 0.18	13.82	- 2.20
UNDERWOOD	E 0.52	0.19	E 0.57	0.13	0.45	- 0.29	0.02	- 1.05	0.74	- 1.38	3.31	- 0.11	1.91	- 0.49	3.11	1.20	0.85	- 0.55	0.12	- 0.71	0.18	- 0.26	0.15	- 0.28	E11.94	- 3.60
UPHAM 3 N	0.62		0.09		0.05		0.05		0.61		3.13		1.71		3.87		0.61		0.25		0.42		0.10		11.51	
VALLEY CITY	0.58	0.04	0.43	0.16	0.33	- 0.46	0.25	- 1.48	0.39	- 2.39	1.95	- 1.60	3.65	0.93	1.04	- 1.50	0.18	- 1.61	0.06	- 1.26	2.18	1.50	0.50	- 0.08	11.54	- 8.07
VAN HOOK	0.52		0.61		0.16		0		0.67		2.24		1.86		3.36										-	
VELVA	1.01	0.59	0.26	0.24	0.24	- 0.35	0.03	- 1.06	0.58	- 1.60	5.67	2.74	2.75	0.43	5.02	2.80	0.91	- 0.65	0.09	- 0.86	0.13	- 0.51	0.30	- 0.17	16.99	1.12
VERONA	E 1.01		E 1.09		0.60		0.26		0.24		1.12		1.25		0.88		0.19		0.17		1.21		0.30		E 8.32	
WAHPETON STATE SCHOOL	1.68	1.23	1.20	0.73	0.62	- 0.10	0.58	- 1.50	1.85	- 0.85	2.69	- 0.89	4.42	1.47	2.80	- 0.07	1.00	- 1.22	0.15	- 1.2	1.11	0.42	0.72	0.22	18.82	- 1.85
WALHALLA	0.74		0		0.10		T		E 0.76		2.34		2.10		3.85		0.56		0.18		T		T		E10.63	
WARWICK	-		-		-		0		0.55		-		2.26		-				0		T		-		-	
WASHBURN	0.45	0.13	0.65	0.26	0.48	- 0.21	T	- 1.07	0.48	- 1.69	5.30	1.91	1.34	- 1.28	1.15	- 0.48	0.70	- 0.57	0.19	- 0.73	0.11	- 0.33	0.10	- 0.33	10.95	- 4.39
WASHBURN WATER WKS R	0.52		0.57		0.67		0		0.50		5.86		2.38		1.54		0.76		0.20		0.13		0.14		13.27	
WATAUGA 8 N S OAK	0.14		0.65		0.37		0.16		1.16		3.68		2.37		0.99		T		T		T		T		9.52	
WATFORD CITY	0.47	- 0.00	0.85	0.42	0.52	- 0.17	0.04	- 1.13	0.37	- 1.62	3.55	0.40	5.49	3.49	1.34	- 0.26	0.31	- 1.00	0.12	- 0.75	0.32	- 0.17	0.05	- 0.48	13.43	- 1.27
WATFORD CITY 11 E R	0.48		0.34		0.39		0		0.41		3.91		-		1.82		0.72		0.15		0.50		0.06		-	
WATFORD CITY 14 S	-		-		-		-		-		-		-								0.26		0.06		-	
WESTHOPE	0.94	0.61	T	- 0.32	0.11	- 0.48	T	- 0.87	0.48	- 1.40	3.82	0.81	2.29	- 0.03	3.45	1.44	0.85	- 0.60	0.12	- 0.68	0.26	- 0.29	0.12	- 0.30	12.44	- 2.11
WILDROSE	0.58	0.09	0.38	- 0.08	0.33	- 0.29	0.23	- 0.73	0.44	- 1.46	2.11	- 0.99	2.37	0.39	4.09	2.28	1.08	- 0.11	0.18	- 0.62	0.08	- 0.42	0.18	- 0.34	12.05	- 2.26
WILLISTON WB CITY	0.57	0.03	0.81	0.38	0.42	- 0.27	0.16	- 1.04	0.32	- 1.74	3.04	- 0.39	2.16	0.27	2.45	0.98	1.08	- 0.01	0.12	- 0.74	0.15	- 0.43	0.10	- 0.48	11.38	- 3.44
WILLOW CITY	0.38	- 0.17	0.08	- 0.46	0.21	- 0.53	T	- 0.96	0.55	- 1.36	3.69	0.64	1.79	- 0.50	3.06	1.02	0.28	- 1.37	0.10	- 0.69	0.17	- 0.39	0.09	- 0.51	10.40	- 5.28
WILTON RR STATION	0.56	0.22	0.94	0.55	0.24	- 0.53	0	- 1.12	0.82	- 1.57	7.45	4.17	2.01	- 0.30	1.37	- 0.34	0.72	- 0.53	0.17	- 0.78	0.05	- 0.43	0.13	- 0.32	14.46	- .98
WISHEK	0.85	0.46	E 0.96	0.54	0.34	- 0.47	0.00	- 1.40	1.02	- 1.39	3.25	- 0.21	2.25	- 0.35	1.18	- 1.01	0.50	- 0.95	T	- 0.93	0.13	- 0.32	0.23	- 0.20	E10.71	- 6.23
WOODWORTH 5 E	0.60		0.60		0.69		0.06		0.60		2.73		4.97		3.79		0.98		T		0.29		0.13		15.44	
ZAHL	0.37		0.39		0.24		0.22		0.88		2.61		2.15		1.86		0.51		0.08		0.08		0.13		9.52	
SECTION AVERAGE	0.70	0.22	0.59	0.12	0.48	- 0.30	0.13	- 1.29	0.68	- 1.58	3.21	- 0.30	2.79	0.32	2.31	0.24	0.62	- 0.91	0.10	- 0.94	0.47	- 0.14	0.17	- 0.31	12.25	- 4.87

See reference notes following Station Index.

TEMPERATURE EXTREMES AND FREEZE DATA

Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
Almont 7 SW	102	8-14	-20	1- 1	4-10 (20°)	5-10 (27°)	5-28 (30°)	9-22 (31°)	10- 4 (22°)	10- 4 (22°)	177	147	117
Amenia	99	8-14	-34	1-28	5-16 (24°)	5-16 (24°)	5-16 (24°)	9-23 (27°)	9-23 (27°)	10- 5 (21°)	142	130	130
Amidon	102	7-25	-25	1-23	4-10 (22°)	5-28 (26°)	5-28 (26°)	9-23 (32°)	10- 4 (27°)	10- 5 (17°)	178	129	118
Arvilla State Park	100	8-14	-32	1-28	5-12 (23°)	5-29 (25°)	6- 1 (32°)	-	9-23 (28°)	10- 4 (23°)	145	117	-
Ashley	104	7-24	-23	1-24+	4-10 (18°)	5-12 (28°)	5-17 (31°)	9-20 (31°)	10- 2 (28°)	10- 4 (20°)	177	143	126
Baldhill Dam	-	-	-30	1-29	5-12 (24°)	5-12 (24°)	6- 1 (30°)	-	-	-	-	-	-
Beach	100	8-26	-26	1-23	5-10 (23°)	5-28 (27°)	5-28 (27°)	9-22 (30°)	10- 2 (27°)	10- 4 (19°)	147	127	117
Belcourt Indian Res.	94	8-14	-34	1-24	5-11 (20°)	5-29 (28°)	6- 1 (30°)	9- 2 (30°)	9-19 (26°)	10- 2 (22°)	144	113	93
Belfield	100	6- 7+	-28	1- 1	5-10 (23°)	5-28 (26°)	5-28 (26°)	9-22 (27°)	9-22 (27°)	10- 2 (24°)	145	117	117
Bisbee	96	8-14	-29	1-24	4-11 (24°)	5-11 (27°)	5-15 (32°)	9-19 (29°)	10- 2 (27°)	10- 4 (18°)	176	144	127
Bismarck WB City	98	7-25+	-25	1-24	4-10 (21°)	5-11 (28°)	5-11 (28°)	10- 2 (29°)	10- 4 (26°)	10- 7 (21°)	180	146	144
Bismarck WB Airport	101	7-24+	-27	1-23+	5-11 (24°)	5-11 (24°)	5-17 (30°)	9-22 (32°)	10- 4 (26°)	10- 6 (24°)	148	146	128
Bottineau	97	8-24	-36	1-24	4-11 (24°)	5-28 (28°)	5-31 (32°)	9-19 (32°)	10- 2 (21°)	10- 2 (21°)	174	127	111
Bowbells	100	8-26	-29	1-24	4-11 (23°)	5-28 (27°)	5-31 (29°)	9-19 (28°)	9-19 (28°)	10- 4 (21°)	176	114	111
Bowbells 5 E	96	8-24	-30	1-24	5-10 (23°)	5-28 (27°)	5-31 (30°)	9-19 (27°)	9-19 (27°)	-	-	114	111
Bowman Court House	104	7-24	-26	1-23	5-28 (24°)	5-28 (24°)	5-28 (24°)	9-22 (31°)	10- 2 (26°)	10- 4 (20°)	129	127	117
Butte	96	8-15+	-26	1- 1	4-10 (18°)	5-10 (26°)	5-17 (30°)	9-19 (30°)	10- 3 (23°)	10- 3 (23°)	176	146	125
Carrington	99	8-15	-27	1-24	4-11 (21°)	5-11 (27°)	5-29 (32°)	9-19 (30°)	10- 2 (28°)	10- 4 (20°)	176	144	113
Carson No. 2	100	7-25	-23	1- 1	-	-	-	10- 2 (30°)	10- 3 (27°)	10- 4 (18°)	-	-	-
Cavalier	102	8-14	-	-	-	4-23 (26°)	5-29 (31°)	9-23 (29°)	10- 2 (27°)	10- 4 (23°)	-	162	117
Center	100	6-15	-30	1-24+	5-11 (23°)	5-12 (28°)	5-29 (30°)	9-19 (30°)	9-22 (28°)	10- 2 (22°)	144	133	113
Cooperstown	99	8-14	-29	1-23	4-10 (15°)	5-11 (27°)	5-12 (30°)	9-19 (29°)	10- 2 (26°)	10- 4 (23°)	177	144	130
Crosby	103	8-25	-31	1- 1	4-10 (12°)	4-22 (26°)	5-31 (32°)	9-19 (30°)	10- 2 (28°)	10- 4 (20°)	177	163	111
Devils Lake WB City	99	8-14	-28	1-24	4-10 (16°)	5-11 (27°)	5-15 (32°)	9-19 (30°)	10- 3 (26°)	10- 4 (22°)	177	145	127
Dickinson CAA AP	102	7-24	-25	1-23	4-10 (22°)	5-28 (26°)	5-28 (26°)	9-22 (32°)	10- 3 (24°)	10- 3 (24°)	176	128	117
Dickinson Exp. Sta.	102	6- 7	-26	1- 1	4-22 (19°)	5-28 (28°)	5-28 (28°)	9-22 (28°)	9-22 (28°)	10- 4 (19°)	165	117	117
Drake	98	8-15	-28	1-24	4-10 (19°)	4-22 (26°)	5-28 (32°)	10- 2 (30°)	10- 4 (23°)	10- 4 (23°)	177	165	127
Dunn Center	99	8-24	-28	2-21+	5-11 (22°)	5-28 (27°)	5-28 (27°)	9-19 (30°)	9-22 (26°)	10- 2 (23°)	144	117	114
Eckman	99	8-24	-35	1-24	5-11 (24°)	5-28 (28°)	5-31 (30°)	9-19 (29°)	10- 2 (24°)	10- 2 (24°)	144	127	111
Edgeley Exp. Farm	101	8-15	-25	1-24	4- 9 (21°)	5-12 (26°)	5-17 (30°)	9-19 (32°)	9-23 (26°)	10- 4 (19°)	178	134	125
Edmore 1 W	100	8-14	-33	1-28	5-11 (21°)	5-15 (28°)	5-31 (29°)	9- 2 (31°)	9-19 (26°)	10- 2 (19°)	144	127	94
Elbowoods	100	8-23	-35	1- 1	-	-	-	-	9-22 (28°)	10- 2 (24°)	-	-	-
Ellendale	105	8-14	-22	1-24	4-10 (16°)	4-15 (27°)	5-11 (29°)	9-23 (31°)	10- 4 (24°)	10- 4 (24°)	177	172	135
Enderlin	101	8-15	-	-	4-11 (20°)	4-14 (28°)	5-12 (30°)	9-19 (30°)	9-23 (27°)	10- 4 (24°)	176	162	130
Epping	104	8-25	-28	1- 1+	5-28 (24°)	5-28 (24°)	5-31 (29°)	9-19 (32°)	10- 4 (19°)	10- 4 (19°)	129	129	111
Fargo WB Airport	98	6- 7	-32	1-29	4-10 (21°)	5-11 (26°)	5-12 (30°)	10- 2 (29°)	10- 4 (26°)	10- 5 (21°)	178	146	143
Fessenden	99	8-14	-	-	4-10 (19°)	4-22 (25°)	5-17 (31°)	9- 2 (32°)	10- 2 (26°)	10- 4 (21°)	177	163	108
Forman	100	8-14	-27	1-24	-	-	-	9-19 (28°)	9-19 (28°)	10- 4 (21°)	-	-	-
Fort Yates	105	7-24+	-23	1- 1	5-11 (22°)	5-12 (27°)	5-17 (31°)	-	-	-	-	-	-
Foxholm 7 N	100	8-23+	-28	1- 1	4-11 (20°)	5-17 (28°)	5-29 (32°)	10- 2 (30°)	10- 4 (25°)	10-11 (23°)	183	140	126
Fullerton	104	8-14	-24	1-24	4-10 (19°)	5-11 (28°)	5-12 (30°)	9-19 (31°)	9-23 (28°)	10- 4 (22°)	177	135	130
Gackle	100	7-24+	-26	1-24	4-10 (21°)	5-11 (28°)	5-17 (32°)	9-19 (32°)	9-20 (28°)	10- 5 (20°)	178	132	125
Garrison	98	8-23	-24	1- 1	4-10 (20°)	5-28 (28°)	5-28 (28°)	9-19 (32°)	10- 3 (28°)	10- 4 (21°)	177	128	114
Grafton State School	102	8-14	-35	1-28	4-14 (23°)	4-23 (28°)	5-29 (32°)	9-19 (31°)	9-23 (28°)	10- 2 (24°)	171	153	113
Grand Forks CAA AP	100	8-14	-32	1-28+	4-10 (17°)	5-12 (28°)	5-16 (31°)	9-19 (32°)	10- 2 (27°)	10- 4 (23°)	177	143	126
Grand Forks Univ.	100	8-14	-33	1-29	4-10 (20°)	5-11 (28°)	5-17 (32°)	10- 2 (28°)	10- 2 (28°)	10- 4 (24°)	177	144	138
Grand Rapids 1 N	101	8-14	-32	1-29	5-11 (24°)	5-11 (24°)	5-15 (32°)	9-19 (30°)	9-23 (27°)	10- 4 (23°)	146	135	127
Granville	100	8-23	-30	1-24	4-11 (24°)	5-11 (28°)	5-28 (30°)	9-19 (32°)	10- 4 (22°)	10- 4 (22°)	176	146	114
Grenora	103	8-25	-27	1- 1+	4-10 (16°)	5-28 (25°)	5-29 (29°)	9-19 (32°)	10- 4 (20°)	10- 4 (20°)	177	129	113
Hankinson RR Sta	98	6- 8	-29	1-29+	4-11 (22°)	4-14 (28°)	5-17 (31°)	10- 2 (31°)	10- 4 (26°)	10- 5 (21°)	177	173	138
Hannah	96	8-14	-35	1-24	5-11 (22°)	5-31 (26°)	5-31 (26°)	9- 2 (32°)	9-19 (26°)	10- 2 (22°)	144	111	94
Hansboro	-	-	-31	1-24	5-11 (24°)	5-11 (24°)	5-31 (31°)	9-19 (27°)	10- 2 (27°)	10- 4 (22°)	146	144	111
Hettinger	99	6-12	-24	1-23	4-22 (23°)	5-28 (28°)	5-28 (28°)	9-22 (32°)	10- 2 (28°)	10- 4 (21°)	165	127	117
Hillsboro	98	8-14	-34	1-29	-	-	5-11 (29°)	9-23 (29°)	10- 4 (26°)	10- 5 (21°)	-	-	135
Jamestown CAA AP	100	8-14	-25	1-28+	5-11 (23°)	5-12 (28°)	5-17 (30°)	9-19 (32°)	10- 2 (28°)	10- 4 (24°)	146	143	125
Jamestown State Hospital	102	8-14	-26	1-29	4-10 (20°)	5-11 (26°)	5-15 (31°)	9-23 (31°)	10- 2 (28°)	10- 4 (21°)	177	144	131
Kenmare	101	8-24	-26	1- 1	4-10 (15)	5-10 (28°)	5-28 (30°)	9-19 (30°)	10- 4 (21°)	10- 4 (21°)	177	147	114
Kensal Wildlife Ref.	100	8-14	-30	1-29	5-10 (24°)	5-17 (27°)	6- 1 (32°)	9-19 (29°)	10- 2 (24°)	10- 2 (24°)	145	138	110
Langdon Exp. Farm	98	8-14	-30	1-24	5-11 (24°)	5-31 (26°)	5-31 (26°)	9- 2 (31°)	9-19 (28°)	10- 2 (22°)	144	111	94
Larimore	99	8-14	-27	1-23	4-10 (13°)	4-14 (27°)	5-29 (32°)	9-23 (31°)	10- 2 (27°)	10- 4 (23°)	177	171	117
Leeds	101	8-14	-	-	4-10 (16°)	5-12 (28°)	5-29 (31°)	9-20 (29°)	10- 2 (25°)	10- 4 (16°)	177	143	114
Linton	104	7-24	-25	1- 1+	5-11 (22°)	5-12 (27°)	5-17 (30°)	9-20 (30°)	10- 2 (24°)	10- 2 (24°)	144	143	126
Lisbon	-	-	-32	1-29	4-13 (23°)	5-13 (28°)	5-29 (32°)	9-19 (30°)	9-23 (28°)	-	-	133	113
Lostwood 12 N	98	8-25	-	-	4-11 (22°)	5-15 (28°)	5-28 (29°)	9-19 (32°)	9-22 (27°)	10- 4 (17°)	176	130	114
Maddock Agr. School	97	8-14	-29	1-24	4-22 (22°)	5-11 (26°)	5-29 (31°)	9-19 (29°)	10- 2 (26°)	10- 4 (22°)	165	144	113
Mandan Exp. Station	101	9-11	-23	1- 1+	4-10 (18°)	5-11 (26°)	5-12 (29°)	9-22 (31°)	10- 2 (28°)	10- 5 (24°)	178	144	133
Mandan Pt. Lincoln Park	104	8-14	-23	1-20+	4-10 (20°)	5-11 (28°)	5-11 (28°)	10- 2 (29°)	10- 4 (23°)	10- 4 (23°)	177	146	144
Marmarth	-	-	-29	1-23	4-22 (23°)	5-28 (27°)	5-28 (27°)	-	-	-	-	-	-
Max	98	8-24	-27	1- 1	4-11 (20°)	4-22 (28°)	5-28 (30°)	-	10- 2 (28°)	10- 4 (21°)	176	163	-
Mayville	99	8-14	-28	1-28	4-10 (22°)	5-11 (28°)	5-29 (32°)	9-23 (30°)	10- 2 (28°)	10- 5 (23°)	178	144	117
McClusky	98	8-14	-25	3- 2	4-10 (19°)	5-10 (28°)	5-28 (32°)	10- 2 (29°)	10- 4 (22°)	10- 4 (22°)	177	147	127
McHenry 5 N	99	8-14	-30	1-24	4-13 (22°)	5-11 (27°)	5-17 (31°)	9-19 (27°)	9-19 (27°)	10- 2 (24°)	172	131	125
McLeod 3 E	100	8-14	-32	1-29	4-10 (18°)	5-11 (27°)	5-12 (32°)	9-19 (30°)	10- 2 (28°)	10- 5 (18°)	178	144	130
Medora 4 NNE	101	8-25	-33	1- 1+	5-11 (21°)	5-28 (26°)	5-28 (26°)	9-19 (32°)	9-22 (26°)	10- 2 (21°)	144	117	114
Minot CAA AP	99	8-23	-25	1- 1	4-11 (23°)	4-22 (28°)	5-17 (31°)	9-22 (32°)	10- 3 (26°)	10- 4 (24°)	176	164	128
Minot Exp. Farm	99	8-23	-27	1-24	4-11 (23°)	-	-	9-22 (32°)	10- 4 (23°)	10- 4 (23°)	176	-	-
Mohall	102	8-23	-28	1- 1+	4-22 (23°)	5-10 (27°)	5-31 (32°)	9-19 (29°)	10- 2 (27°)	10- 4 (21°)	165	145	111
Mott	101	7-24	-31	2-21	4-22 (23°)	5-28 (26°)	5-28 (26°)	9-19 (31°)	9-23 (27°)	10- 2 (22°)	163	118	114
Municb 4 SW	95	8-14	-32	1-24	5-11 (24°)	5-12 (28°)	5-31 (30°)	9- 2 (32°)	9-22 (27°)	10- 2 (22°)	144	133	94
Napoleon 1 SE	102	8-14	-26	3- 4	5-11 (23°)	5-17 (28°)	5-17 (28°)	9-19 (31°)	10- 4 (22°)	10- 4 (22°)	146	140	125
New England	102	7-24	-26	1- 1	4-22 (22°)	5-28 (26°)	5-28 (26°)	9-22 (29°)	10- 2 (22°)	10- 2 (22°)	163	127	117
New Salem 1 S	100	6-15	-25	1-20	4-22 (24)	5-10 (27°)	5-29 (30°)	9-22 (32°)	-	10- 4 (19°)	165	-	116
New Town	-	-	-	-	-	-	-	9-22 (30°)	10- 2 (27°)	-	-	-	-
Oakes	100	8-15	-30	1-24	4-10 (17°)	5-11 (27°)	5-13 (32°)	9-19 (32°)	9-23 (27°)	10- 4 (22°)	177	135	129
Park River	100	8-14	-24	1-23	4-10 (14°)	4-22 (28°)	5-29 (32°)	-	10- 2 (27°)	10- 4 (21°)	177	163	-
Parshall	100	8-23	-33	1- 1	5-17 (22°)	5-28 (26°)	6- 3 (32°)	9-19 (28°)	9-19 (28°)	10- 2 (23°)	138	114	108
Pembina 2 N	103	8-14+	-37	1-29	5-11 (22°)	5-11 (22°)	5-12 (30°)	9- 6 (31°)	10- 2 (26°)	10- 4 (16°)	146	144	117
Petersburg	99	8-14	-30	1-23	-	-	-	9-19 (32°)	10- 2 (25°)	10- 4 (20°)	-	-	-
Pettibone	100	8-14	-27	1-24	4-10 (16°)	4-23 (28°)	5-17 (30°)	9-19 (31°)	10- 4 (21°)	10- 4 (21°)	177	164	125
Portal	102	8-26	-30	1- 1+	4-10 (18°)	5-28 (27°)	5-31 (31°)	9-19 (31°)	10- 4 (18°)	10- 4 (18°)	177	129	111
Powers Lake 1 N	100	8-25	-32	1- 1	4-22 (22°)	5-29 (25°)	5-31 (31°)	9-19 (30°)	10- 2 (27°)	10- 4 (18°)	165	126	111
Richardton Abbey	100	7-24	-22	1- 1	4-10 (20°)	5-10 (27°)	5-28 (31°)	10- 2 (32°)	10- 4 (20°)	10- 4 (20°)	177	147	127
Riverdale	98	8-15	-24	1- 1	4-10 (19°)	5-10 (28°)	5-28 (31°)	10- 2 (30°)	10- 4 (25°)	10-15 (22°)	188	147	127
Rolla	95	8-14	-30	1-24	4-11 (24°)	4-12 (27°)	6- 1 (32°)	9-19 (20°)	9-19 (20°)	9-19 (20°)	161	160	110
Rugby	98	8-14	-29	1-24	4-10 (17°)	5-11 (28°)	5-28 (32°)	9- 2 (32°)	10- 2 (28°)	10- 4 (22°)	177	144	97

See reference notes following Station Index

TEMPERATURE EXTREMES AND FREEZE DATA

Table 3—Continued.

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
Sao Haven	94	8-23	-31	1-24	4-11 (23°)	4-22 (28°)	5-28 (32°)	9-22 (31°)	10- 2 (28°)	10- 4 (16°)	176	163	117
Saoish	104	8-24+	-32	1- 1+	5-11 (23°)	5-28 (26°)	6- 3 (32°)	8-11 (31°)	-	-	-	-	69
Sharon	98	8-14	-26	1-23+	4-10 (15°)	5-11 (27°)	5-11 (27°)	9-15 (32°)	10- 2 (27°)	10- 4 (23°)	177	144	127
Stanley	103	8-23	-30	1- 1	4-11 (22°)	5-28 (26°)	5-31 (32°)	9-22 (29°)	10- 4 (16°)	10- 4 (16°)	176	129	114
Steele	99	8-14	-26	1-20	4-11 (18°)	5-11 (28°)	5-12 (31°)	9-19 (27°)	9-19 (27°)	10- 4 (18°)	176	131	130
Towoer	98	8-14+	-33	1-24	5-11 (24°)	5-28 (28°)	5-30 (32°)	9-19 (27°)	9-19 (27°)	10- 2 (24°)	144	114	112
Turtle Lake	97	8-14	-	-	-	-	5-28 (31°)	10- 4 (24°)	10- 4 (24°)	10- 4 (24°)	-	-	129
Uoderwood	98	8-15	-	-	-	5-10 (26°)	5-28 (30°)	9-19 (32°)	10- 4 (24°)	10- 4 (24°)	-	147	114
Upham 3 N	99	8-14	-33	1-24	5-10 (24°)	5-28 (27°)	5-31 (32°)	9-15 (32°)	9-19 (28°)	10- 2 (24°)	145	114	107
Valley City	102	8-14	-31	1-29	4-14 (24°)	5-11 (28°)	5-18 (31°)	9-19 (31°)	10- 4 (26°)	10- 5 (22°)	174	146	124
Vao Hook	103	8-23	-28	1-24+	4-10 (20°)	5-17 (28°)	5-31 (31°)	-	-	-	-	-	-
Velva	97	8-23	-30	1-24	4-10 (15°)	5-11 (26°)	5-28 (32°)	10- 2 (32°)	10- 4 (24°)	10- 4 (24°)	177	146	127
Wahpeton State School	98	6- 7	-30	1-28+	4-10 (22°)	4-10 (22°)	5-15 (32°)	9-19 (32°)	10- 4 (26°)	10- 5 (20°)	178	177	127
Washburo	98	8-14	-27	1-24	4-11 (19°)	5-11 (23°)	5-28 (30°)	10- 2 (28°)	10- 2 (28°)	10- 4 (22°)	176	144	127
Watford City	102	8-25	-27	1- 1+	4-22 (24°)	5-28 (25°)	5-31 (29°)	9-19 (32°)	10- 2 (26°)	10- 4 (20°)	165	127	111
Westhope	100	8-23	-33	1-24	4-22 (22°)	5-28 (28°)	5-31 (32°)	-	10- 2 (27°)	10- 4 (16°)	165	127	-
Williston WB City	101	8-25	-26	3- 2	4-10 (22°)	4-11 (27°)	5-28 (29°)	10- 3 (28°)	10- 3 (28°)	10- 5 (21°)	178	175	128
Willow City	98	8-14	-37	1-24+	5-11 (23°)	5-12 (27°)	5-29 (29°)	9-19 (27°)	9-19 (27°)	10- 2 (23°)	144	130	113
Wiltoo RR Station	97	8-15	-26	1- 1+	-	-	5-28 (30°)	10- 2 (29°)	10- 4 (24°)	10- 4 (24°)	-	-	127
Wishek	-	-	-28	1-24+	5-11 (22°)	5-11 (22°)	5-17 (29°)	9-20 (31°)	10- 2 (23°)	10- 2 (23°)	144	144	126

TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Departure fr. normal
Bowbells 5 E	EVAP	-	-	-	6.74	6.78	7.53B	7.32	7.09B	4.56	-	-	-	-	
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	-	-	-	3144	2601	3156	2304	2622	2622	-	-	-	-	
Devils Lake WB City	EVAP	-	-	-	5.63	6.60	7.07	8.52	6.61	4.97	-	-	-	-	
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	-	-	-	1809	1547	1996B	1551	1331	1556	-	-	-	-	
Dickinson Exp. Sta. [a]	EVAP	-	-	-	-	5.87	7.66	7.88	6.89	4.60B	-	-	-	-	
	DEP	-	-	-	-	.26	1.57	- .03	- .36	- .38	-	-	-	-	
	WIND	-	-	-	-	3560	3825	3155	2900	2740	-	-	-	-	
Edgeley Exp. Farm	EVAP	-	-	-	4.56B	5.97	7.19	9.88	9.09	7.17B	-	-	-	-	
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	-	-	-	2129B	1785	1290	1959	1714	2159B	-	-	-	-	
Mandan Exp. Sta. [a]	EVAP	-	-	-	-	5.33	6.51	6.89	6.12	4.40	-	-	-	-	
	DEP	-	-	-	-	- .01	.58	- .44	- .45	- .11	-	-	-	-	
	WIND	-	-	-	-	3479	3784	3116	2953	2745	-	-	-	-	
Riverdale	EVAP	-	-	-	-	8.76	9.76	9.40	9.06	5.95	-	-	-	-	
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	-	-	-	-	3910	4055	2841	3236	2943	-	-	-	-	

(a) Pao 6 feet io diameter, 24 ioches deep, in grouod 20 inches.

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage**	Latitude	Longitude	Elevation	Years of record: Temp.	Precip.	Evap.	Opened or closed during yr.: Month opened	Month closed	Refer to tables
ADAMS 7 S	0022	WALSH	10	48 20	98 06	-		-				2
ALEXANDER	0096	MCKENZIE	13	47 53	103 38	2200		11				2
ALMONT 7 SW	0136	MORTON	4	46 43	101 39	2300	10	10				1 2 3
AMBROSE	0189	DIVIDE	12	48 58	103 28	2059		2				2
ANENIA	0196	CASS	11	47 00	97 13	960	3	3				1 2 3
AMIDON	0239	SLOPE	1	46 30	103 19	2910	31	31				1 2 3 C
ANTLER	0336	BOTTINEAU	12	48 58	101 20	1540		2				2 C
ARVILLA STATE PARK	0369	GRAND FORKS	10	47 56	97 30	960	9	9				1 2 3
ASHLEY	0382	MCINTOSH	8	46 02	99 22	2025	57	57				1 2 3 C
BALDHILL DAM	0450	BARNES	11	47 02	98 05	1300	5	5		OCT		1 2 3
BALFOUR	0492	MCHENRY	12	47 57	100 32	1615		12				C
BALTA	0500	PIERCE	11	48 10	100 02	-		2				2
BANTRY	0516	MCHENRY	12	48 30	100 36	-		2				2
BEACH	0590	GOLDEN VALLEY	7	46 55	104 01	2814	-	-				1 2 3 C
BELCOURT INDIAN RES.	0626	ROLETTE	9	48 50	99 45	1960	8	8				1 2 3 C
BELFIELD	0639	STARK	4	46 52	103 11	2592	35	35				1 2 3
BERTHOLD	0729	WARD	12	48 19	101 44	2080		2				2 C
BEULAH	0766	MERCER	6	47 16	101 47	1780		38				1 2 3
BISBEE	0796	TOWNER	2	48 37	99 22	1600	50	50				1 2 3
BISMARCK WB CITY	0814	BURLEIGH	8	46 48	100 48	1670	70	78				1 2 3
BISMARCK WB AIRPORT	0819	BURLEIGH	8	46 46	100 45	1650	13	13				1 2 3 C
BOTTINEAU	0941	BOTTINEAU	12	48 50	100 27	1638	61	61				1 2 3
BOWBELLS	0961	BURKE	12	48 48	102 15	1953	27	27				1 2 3
BOWBELLS 5 E	0966	WARD	12	48 47	102 08	1925	1	1	1	OCT		1 2 3 4
BOWMAN COURT HOUSE	0995	BOWMAN	3	46 11	103 23	2872	38	38				1 2 3 C
BOWMAN 11 SE	0998	BOWMAN	3	46 04	103 19	-	1	1				2
BOWMAN 30 NNW	1001	SLOPE	8	46 35	103 31	-		1				2
BREIEN	1052	MORTON	1	46 24	100 56	1720		-				2 C
BUCHANAN	1124	STUTSMAN	5	47 04	98 49	1572		1				2 C
BURT 16 N	1216	HETTINGER	1	46 36	102 08	-		1				2
BUTTE	1225	MCLEAN	12	47 50	100 40	1880	28	28				1 2 3
CANDO	1288	TOWNER	2	48 29	99 12	-		2				C
CARRINGTON	1362	FOSTER	5	47 27	99 08	1579	55	55				1 2 3
CARSON	1365	GRANT	4	46 25	101 34	2300		3				2 C
CARSON 2	1370	GRANT	4	46 25	101 34	2331	41	41				1 2 3
CAVALIER	1435	PEMBINA	9	48 48	97 38	889	17	45				1 2 3
CENTER	1456	OLIVER	8	47 07	101 18	2100	15	15				1 2 3
COLGATE	1686	STEELE	10	47 14	97 39	1180		19				2
COLUMBUS	1696	BURKE	12	48 54	102 47	1930		2				2
COOPERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	56	56				1 2 3
COURTENAY	1816	STUTSMAN	5	47 13	98 34	1523		19				2
CROSBY	1871	DIVIDE	12	48 54	103 18	1954	46	46				1 2 3 C
DAWSON	2018	KIDDER	8	46 52	99 45	1730		12				C
DEVILS LAKE WB CITY	2158	RAMSEY	2	48 07	98 52	1471	48	77	2			1 2 3 4C
DICKINSON CAA AP	2183	STARK	4	46 48	102 48	2595	12	12				1 2 3 C
DICKINSON EXP. STATION	2188	STARK	4	46 53	102 48	2460	61	61	-			1 2 3 4
DONNYBROOK	2242	WARD	12	48 31	101 53	1760		2				2
DRAKE	2298	MCHENRY	12	47 55	100 22	1634	23	23				1 2 3
DUNN CENTER	2365	DUNN	6	47 21	102 37	2191	54	54				1 2 3
ECKMAN	2472	BOTTINEAU	12	48 39	101 03	1500	47	47				1 2 3
EDGELEY EXP. FARM	2482	LA MOURE	5	46 20	98 42	1568	52	52	-			1 2 34C
EDMORE 1 W	2525	RAMSEY	2	48 25	98 29	1524	29	29				1 2 3
ELBOWOODS	2570	MCLEAN	8	47 35	102 09	2082	60	60				1 2 3
ELGIN 5 S	2592	GRANT	1	46 21	101 49	-		2				2
ELLENDALE	2605	DICKEY	5	46 00	98 31	1460	54	54				1 2 3
ENDERLIN	2695	RANSOM	11	46 38	97 36	2004				APR		1 2 3
EPPING	2735	WILLIAMS	8	48 18	103 21	2224	44	44				1 2 3
ESMOND	2767	BENSON	11	48 02	99 46	1650		3				2 C
FAIRFIELD	2809	BILLINGS	7	47 11	103 13	2750		25				2
FARGO WB AIRPORT	2859	CASS	10	46 54	96 48	895	72	72				1 2 3 C
FESSENDEN	2949	WELLS	5	47 39	99 37	1620	41	41				1 2 3
FLASHER	3009	MORTON	1	46 27	101 14	1930		3				2
FLAXTON	3019	BURKE	12	48 54	102 23	1940		2				2
FORBES 13 NW	3064	DICKEY	5	46 04	98 56	-		1				2
FORMAN	3117	SARGENT	10	46 06	97 38	1249	61	61				1 2 3
FORT YATES	3207	SIOUX	8	46 06	100 38	1640	53	53				1 2 3 C
FOXHOLM 7 N	3217	WARD	12	48 27	101 33	1609	28	32				1 2 3
FRYBURG	3277	BILLINGS	4	46 53	103 18	2790		3				2 C
FULLERTON	3287	DICKEY	5	46 10	98 25	1439	55	55				1 2 3
GACKLE	3309	LOGAN	5	46 38	99 08	1951	22	22				1 2 3
GARRISON	3376	MCLEAN	8	47 38	101 25	1911	76	76				1 2 3 C
GLEN ULLIN	3496	MORTON	4	46 49	101 49	2090		12				C
GLEN ULLIN 13 N	3501	MERCER	6	47 00	101 47	2221		2				2
GOLDEN VALLEY 10 S	3529	MERCER	6	47 10	102 03	1870		2				2
GOLVA 1 SE	3556	GOLDEN VALLEY	7	46 44	103 57	2780	11	11		OCT		C C
GRACE CITY	3583	FOSTER	5	47 33	98 48	-		1				2 C
GRAFTON STATE SCHOOL	3594	WALSH	10	48 25	97 26	827	61	61				1 2 3
GRAND FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	832	12	12				1 2 3 C
GRAND FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	62	62				1 2 3
GRAND RAPIDS 1 N	3665	LA MOURE	5	46 28	98 21	1360	2	2				1 2 3
GRANO	3676	RENVILLE	12	48 37	101 35	1625		-				C
GRANVILLE	3686	MCHENRY	12	48 16	100 51	1504	46	46				1 2 3
GRASSY BUTTE	3696	MCKENZIE	7	47 24	103 14	2660		2				2 C
GRASSY BUTTE 10 N	3701	MCKENZIE	7	47 31	103 14	2497		2				2
GRENORA	3736	WILLIAMS	8	48 37	103 36	2114	44	44				1 2 3
HALEY	3836	BOWMAN	3	46 58	103 08	-		2				2 C
HALLIDAY	3846	DUNN	6	47 21	102 20	2073		11				2 C
HANKINSON R R STATION	3908	RICHLAND	10	46 04	96 54	1068	24	24				1 2 3
HANNAFORD	3926	GRIGGS	11	47 18	98 12	1428		12				C
HANNAH	3936	CAVALIER	9	48 59	98 41	1570	59	59				1 2 3
HANSBORO	3963	TOWNER	9	48 57	99 23	1597	45	45				1 2 3
HARVEY 3 NE	5013	WELLS	11	47 45	99 53	1596		50				2
HAYNES 5 NE	4073	ADAMS	1	46 00	102 22	2550		3				2 C
HAZELTON R R STATION	4083	EMMONS	8	46 29	100 17	1978		12				C
HETTINGER	4178	ADAMS	3	46 00	102 38	2680	46	46				1 2 3
HETTINGER 17 N	4186	ADAMS	1	46 15	102 39	-		1				2 C
HILLSBORO	4203	TRAILL	10	47 24	97 04	901	47	47				1 2 3
HURDSFIELD	4343	WELLS	5	47 27	99 55	1915		12				C
JAMESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1492	12	12				1 2 3 C
JAMESTOWN STATE HOSP	4418	STUTSMAN	5	46 53	98 40	1457	61	61				1 2 3
KEENE 2 S	4571	MCKENZIE	8	47 54	102 56	2346		2				2
KENMARE	4646	WARD	12	48 40	102 05	1800	21	21				1 2 3 C
KENSAL WILDLIFE REFUGE	4656	STUTSMAN	5	47 15	98 52	1440	12	12				1 2 3
KILLDEER 8 NW	4726	DUNN	7	47 26	102 53	2240		2				2
KRAMER 5 SE	4823	BOTTINEAU	12	48 39	100 37	1457		13				C
KULM	4843	LA MOURE	5	46 18	98 57	1970		1				2
LANGDON EXP. FARM	4958	CAVALIER	9	48 45	98 21	1615	57	57				1 2 3
LANSFORD	5002	BOTTINEAU	12	48 38	101 22	1600		2				2
LARIMORE	5013	GRAND FORKS	10	47 55	97 38	1134	60	60				1 2 3
LEEDS	5078	BENSON	2	48 17	99 26	1515	12	12				1 2 3
LEFOR 10 E	5088	STARK	4	46 38	102 21	2580		2				2
LINTON	5210	EMMONS	8	46 16	100 14	1711	36	36				1 2 3
LISBON	5220	RANSOM	11	46 26	97 42	1089	49	49				1 2 3
LITCHVILLE	5230	BARNES	11	46 39	98 11	-		1				2
LOSTWOOD 12 N	5320	BURKE	12	48 33	102 24	2250	1	1				1 2 3
MADDOCK AGRI SCHOOL	5434	BENSON	11	47 58	99 30	1604	38	38				1 2 3
MANDAN EXP STATION	5479	MORTON	4	46 48	100 54	1750	39	39	-			1 2 34C
MANDAN FORT LINCOLN PARK	5484	MORTON	8	46 47	100 52	1700	9	9				1 2 3
MANNING	5519	DUNN	6	47 14	102 46	-		2				C
MARMARTH	5573	SLOPE	7	46 18	103 55	2714	40	44				1 2 3
MARMARTH M D U CO.	5575	SLOPE	7	46 18	103 55	2710		7				7
MARTIN	5610	SHERIDAN	11	47 50	100 07	1610		3				2
MAX	5638	MCLEAN	8	47 49	101 17	2093	24	24				1 2 3
MAYVILLE	5660	TRAILL	1	47 30	97 19	975	57	57				1 2 3
MCCLUSKY	5710	SHERIDAN	8	47 29	100 29	1943	28	35				1 2 3
MCGREGOR R R STATION	5720	WILLIAMS	8	48 36	102 56	-		12				2
MCHENRY 5 N	5730	EDDY	11	47 38	98 35	1509	30	30				1 2 3
MCLEOD 3 E	5754	RICHLAND	11	46 24	97 14	1075	41	41				1 2 3
MCVILLE	5764	NELSON	10	47 46	98 11	1467		9				2
MEDINA 1 W	5798	STUTSMAN	8	46 53	99 19	-		12				2
MEDORA	5803	BILLINGS	7	46 55	103 31	2270		1				2
MEDORA 4 NNE	5813	BILLINGS	7	46 58	103 30	2250	-	-				2
MEDORA 23 NNW	5818	BILLINGS	7	47 14	103 36	2123		1				2
MELVILLE	5833	FOSTER	5	47 20	99 02	1625		3				2
MINOT CAA AP	5988	WARD	12	48 15	101 17	1724	57	57				1 2 3
MINOT EXP. FARM	5993	WARD	12	48 10	101 18	1722	7	7				2
MOFFIT 4 SE	6015	BURLEIGH	8	46 40	100 14	1760		10				2
MOHALL	6025	RENVILLE	12	48 46	101 31	1639	59	59				1 2 3
MONTPELIER	6105	STUTSMAN	5	46 42	98 35	-		12				2
MOTT	6155	HETTINGER	1	46 23	102 20	2420	46	46				1 2 3
MUNICH 4 SW	6195	CAVALIER	2	48 38	98 53	1598	5	5				1 2 3
NAPOLEON 1 SE	6255	LOGAN	8	46 29	99 45	1955	61	61				1 2 3
NEW ENGLAND	6315	HETTINGER	1	46 33	102 52	2621	61	61				1 2 3
NEW ROCKFORD 7 WNW	6355	EDDY	5	47 43	99 16	1550		3				2
NEW SALEM 1 S	6365	MORTON	4	46 50	101 25	2163	49	49				1 2 3
NEWTON	6383	MOUNTRAIL	8	47 59	102 29	1905					SEPT	1 2 3
NOONAN	6455	DIVIDE	12	48 53	103 01	1960		2				-
NORTHGATE	6535	BURKE	12	49 00	102 16	1850		2				2
NORTONVILLE	6565	LA MOURE	5	46 33	98 44	-		1				2
OAKES	6620	DICKEY	5	46 08	98 05	1320	24	24				1 2 3
PARK RIVER	6857	WALSH	10	48 23	97 45	998	49	49				1 2 3
PARSHALL	6867	MOUNTRAIL	8	47 57	102 08	1929	21	38				2 3
PEMBINA 2 N	6947	PEMBINA	10	49 00	97 14	790	79	79				3
PETERSBURG	7027	NELSON	10	48 01	98 00	1524	9	22				2 3
PETTIBONE	7047	KIDDER	8	47 07	99 31	1860	44	44				1 2 3
PINGREE	7117	STUTSMAN	5	47 10	98 54	1572		1				2
PORTAL	7201	BURKE	12	49 00	102 33	1954	39	39				1 2 3
POWERS LAKE 1 N	7281	BURKE	8	48 34	102 38	2205	27	48				1 2 3
PRETTY ROCK	7311	GRANT	1	46 11	101 51	-		12				2
RAUB	7405	MCLEAN	8	47 44	102 04	-		12				C
REEDER	7450	ADAMS	3	46 06	102 57	2810		2				2
REEDER 14 N	7452	SLOPE	1	46 19	102 57	2860		3				2
RICHARDTON ABBEY	7530	STARK	4	46 53	102 19	2467	37	37				1 2 3
RIVERDALE	7585	MCLEAN	8	47 30	101 21	1910	-	-	-			1 2 3 4 C
ROLETTE	7655	ROLETTE	12	48 40	99 50	1625		3				
ROLLA	7664	ROLETTE	9	48 52	99 37	1860	15	15				1 2 3
RUGBY	7704	PIERCE	12	48 22	100 00	1560	5	24				1 2 3
RYDER	7749	WARD	8	47 55	101 40	2108		24				2
SAN HAVEN	7824	ROLLETTE	12	48 50	100 02	2001	1	1				1 2 3
SANISH	7834	MOUNTRAIL	8	47 59	102 32	1835	26	26			SEPT	1 2 3
SARLES 1 SW	7844	CAVALIER	9	48 56	99 00	1602		12				
SCRANTON	7932	BOWMAN	3	46 09	103 09	2776		1				2
SELFRIDGE 11 W	7952	SIOUX	8	46 01	101 10	2183		16				2
SENTINEL BUTTE 20 S	7976	GOLDEN VALLEY	7	46 37	103 49	-		1				2
SHARON	7986	STEELE	10	47 36	97 54	1516	26	29				1 2 3
SHERWOOD 3 N	8047	RENVILLE	12	49 00	101 38	1647		5				2
SHEYENNE	8057	EDDY	11	47 50	99 07	1480		-				C
SHIELD	8065	GRANT	1	46 14	101 07	-		2				2
STANLEY	8276	MOUNTRAIL	8	48 19	102 24	2260	15	15				1 2 3
STEELE	8366	KIDDER	8	46 51	99 55	1857	59	59				1 2 3
SYKESTON	8608	WELLS	5	47 28	99 24	1634		1				2
TAGUS	8627	MOUNTRAIL	12	48 20	101 56	2179		24				2
TIOGA	8737	WILLIAMS	8	48 24	102 56	2279		24				2
TOLLEY 5 NNE	8764	RENVILLE	12	48 47	101 47	1603		2				2
TOWNER	8792	MCHENRY	12	48 21	100 24	1482	51	51				1 2 3
TROTTERS 6 WNW	8807	MCKENZIE	13	47 21	104 01	2420		27				2
TROTTERS 3 S	8812	GOLDEN VALLEY	13	47 17	103 54	2420		3				C
TURTLE LAKE	8840	MCLEAN	8	47 31	100 53	1899	39	39				1 2 3
TUTTLE	8850	KIDDER	8	47 08	100 00	1880		44				2
UNDERWOOD	8877	MCLEAN	8	47 27	101 08	2026	28	41				1 2 3
UPHAM 3 N	8913	MCHENRY	12	48 37	100 44	1425	12	12				1 2 3
VALLEY CITY	8937	BARNES	11	46 55	98 00	1229	48	48				1 2 3
VAN HOOK	8970	MOUNTRAIL	8	47 57	102 21	1864	11	11			AUG	1 2 3
VELVA	8990	MCHENRY	12	48 03	100 55	1511	26	26				1 2 3
VERONA	9035	LA MOURE	5	46 22	98 05	1382		12				2
WAHPETON POWER PLANT	9095	RICHLAND	10	47 16	96 36	962		12				C
WAHPETON STATE SCHOOL	9100	RICHLAND	10	46 16	96 36	962	61	61				1 2 3
WALHALLA	9155	PEMBINA	9	48 55	97 55	950		12				2
WARWICK	9185	BENSON	11	47 51	98 42	-		1				2
WASHBURN	9195	MCLEAN	8	47 17	101 02	1731	50	50				1 2 3
WASHBURN WATER WORKS	9205	MCLEAN	8	47 17	101 02	1730		2				2 C
WATAUGA 8 N, S. DAK.	9219	GRANT	1	46 02	101 34	2074		2				2
WATFORD CITY	9233	MCKENZIE	8	47 48	103 17	2084	40	40				1 2 3
WATFORD CITY 11 E	9238	MCKENZIE	8	47 47	103 02	-		2				2
WATFORD CITY 14 S	9246	MCKENZIE	7	47 36	103 17	-		1		NOV	JULY	2
WESTHOPE	9333	BOTTINEAU	12	48 55	101 01	1508	47	47				1 2 3
WILDROSE	9400	WILLIAMS	8	48 38	103 10	2258		23				2
WILLISTON WB CITY	9425	WILLIAMS	8	48 09	103 37	1877	74	74				1 2 3 C
WILLOW CITY	9445	BOTTINEAU	12	48 36	100 17	1471	61	61				1 2 3
WILTON R R STATION	9455	MCLEAN	8	47 09	100 48	2159	18	18				1 2 3
WISHEK	9515	MCINTOSH	8	46 16	99 34	2010	32	32				1 2 3
WOODWORTH 5 E	9575	STUTSMAN	5	47 09	99 12	-		1				2
ZAHL	9635	WILLIAMS	8	48 34	103 41	2000		2				2

DRAINAGE CODE: 1. CANNONBALL 2. DEVILS LAKE 3. GRAND 4. HEART 5. JAMES 6. KNIFE 7. LITTLE MISSOURI 8. MISSOURI 9. PEMBINA 10. RED 11. SHEYENNE 12. SOURIS 13. YELLOWSTONE

RELOCATIONS OR CHANGES IN EXPOSURE OF INSTRUMENTS

STATIONS PUBLISHED IN CLIMATOLOGICAL DATA BULLETIN:

Ambrose: Rain gage moved 0.1 mile west and 0.3 mile north on July 23.

Balta: Rain gage moved 2 blocks south on February 27.

Beulah: Equipment moved 1 block south on May 2.

Carson No. 2: Equipment moved 2.0 miles northeast on June 11.

Cavalier: Equipment moved 3 1/2 blocks north and 1 block east on April 18.

Fairfield: Rain gage moved 8.0 miles south on August 1.

Fessenden: Equipment moved 0.5 mile south on August 9.

Haynes 5 NE: Rain gage moved 1 mile southwest on September 23.

Keene 2 S: Rain gage moved 1.6 miles south on May 7.

Leeds: Equipment moved 1 block west on October 14.

Lisbon: Equipment moved 0.5 mile south and 0.5 mile east on September 5.

Martin: Equipment moved 0.3 mile southwest on October 13.

Medora 23 NNW: Rain gage moved 11 miles north and 3 miles west on May 7.

Reeder: Rain gage moved 2 1/2 blocks north on September 25.

Scranton: Rain gage moved 1 block west and 1 block south on May 6. Moved 3 blocks east and 1 block north on September 25.

Sheyenne: Rain gage moved 1 block west on April 15.

Sykeston: Rain gage moved 3 blocks west on February 27.

Tolley 5 NNE: Rain gage moved 1 mile north on June 4.

Turtle Lake: Equipment moved 2 blocks south and 1 block west on November 17.

Underwood: Equipment moved 12 miles east on April 25. Rain gage moved 60 feet southwest on October 13.

Verona: Rain gage moved 0.4 mile west on May 22.

Washburn: Equipment moved 200 feet south on June 2.

Wishek: Equipment moved 0.6 mile south on May 16.

STATIONS PUBLISHED IN HOURLY PRECIPITATION DATA:

Sarles 1 SW: Recording gage moved 1 mile southwest on April 21.

Sheyenne: Recording gage moved 1 block west on April 15.

REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

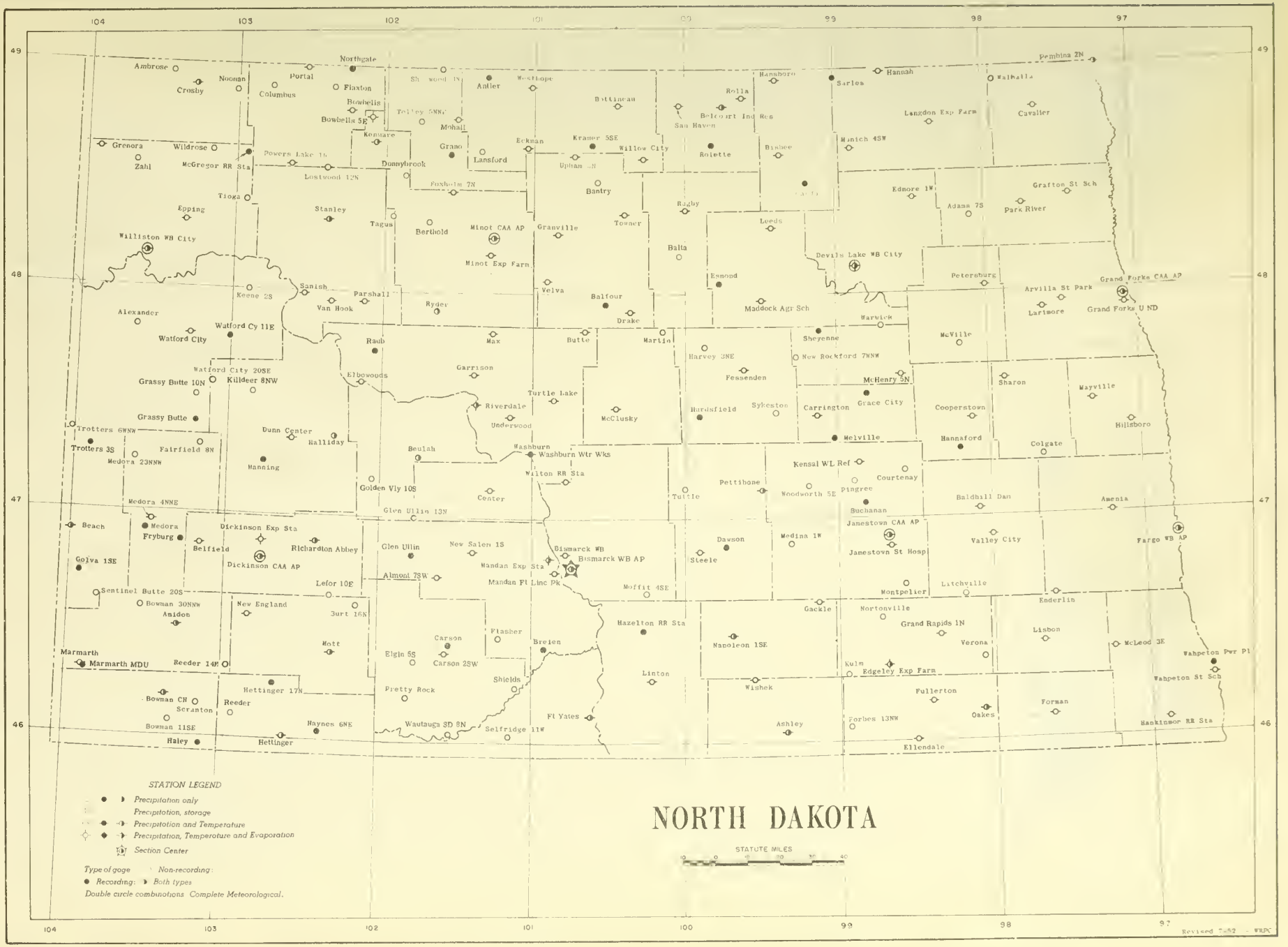
Delayed data and corrections will be carried in the June and December issues of Climatological Data.

Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

- \- No record.
- \+ Also later date (dates) or months.
- * Amount included in following measurement.
- // Gage is equipped with a windshield.
- B Adjusted to full month.
- E Amount is wholly or partially estimated.
- M Less than a complete month of record available; if average value is entered, less than 10 days of record are missing; see monthly Climatological Data for detailed daily record.
- R Data from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

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WRPC, KANSAS CITY, MO., -- 4-27-53 -- 1105


NORTH DAKOTA
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Section Center
Type of gage Non-recording:
Recording: Both types
Double circle combinations Complete Meteorological.
STATUTE MILES
Revised 7-52 - WRPC

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